

Intelligent Tunable White
LED Driver (Constant Voltage)

- Metal casing design, natural air cooling;
- NFC enables modification of power parameters to facilitate driver data exchange functionality;
- 6 in 1 DIM: 0-10V, 1-10V, 10VPWM, RX, Traic, ELV;
- Waterproof rating IP67, suitable for UL, dry, humid, and rain-exposed environments;
- Lightning Protection: Differential mode 6KV, Common mode 10KV;
- Dimming range: 0-100%, LED dimming starts at 0.01%;
- Complies with Type HL and is suitable for use in North American Class 1, Division 2 locations such as gas stations, chemical plants, and wastewater treatment facilities;
- Certified to UL Class 2 and Class P standards;
- Compliant with IEEE 1789 and UL 8750 standards;
- Comprehensive Protection: Over-temperature protection, over-voltage protection, overload protection, short-circuit protection;
- When the signal is floating, it outputs at full load and can be used as a power supply.
- Innovative thermal management technology intelligently protects power supply lifespan;
- Under normal usage, the lifespan can reach 100,000 hours;
- 5-year warranty (featuring Black Diamond capacitors).

6 in 1 DIM
Triac
ELV
0-10V
1-10V
10V PWM
RX

DIM/CCT

T-PWM
Dimming Technology
Flicker Free
IEEE 1789

Dimmable:
1:10000MAX

UL LISTED
(LED Drivers)
E497951
Type HL

FC

PS E

UL

TUV

CB

EAC

CE

SELV
RoHS

Class 2
Class P

ErP

110

Over voltage
protection

Short circuit
protection

Over Load
protection

Overheat
Protection

0-10V

Traic/ELV

IP67

T-PWM

Flicker
Free
IEEE 1789

Over voltage
protection

Short circuit
protection

Over Load
protection

Overheat
Protection



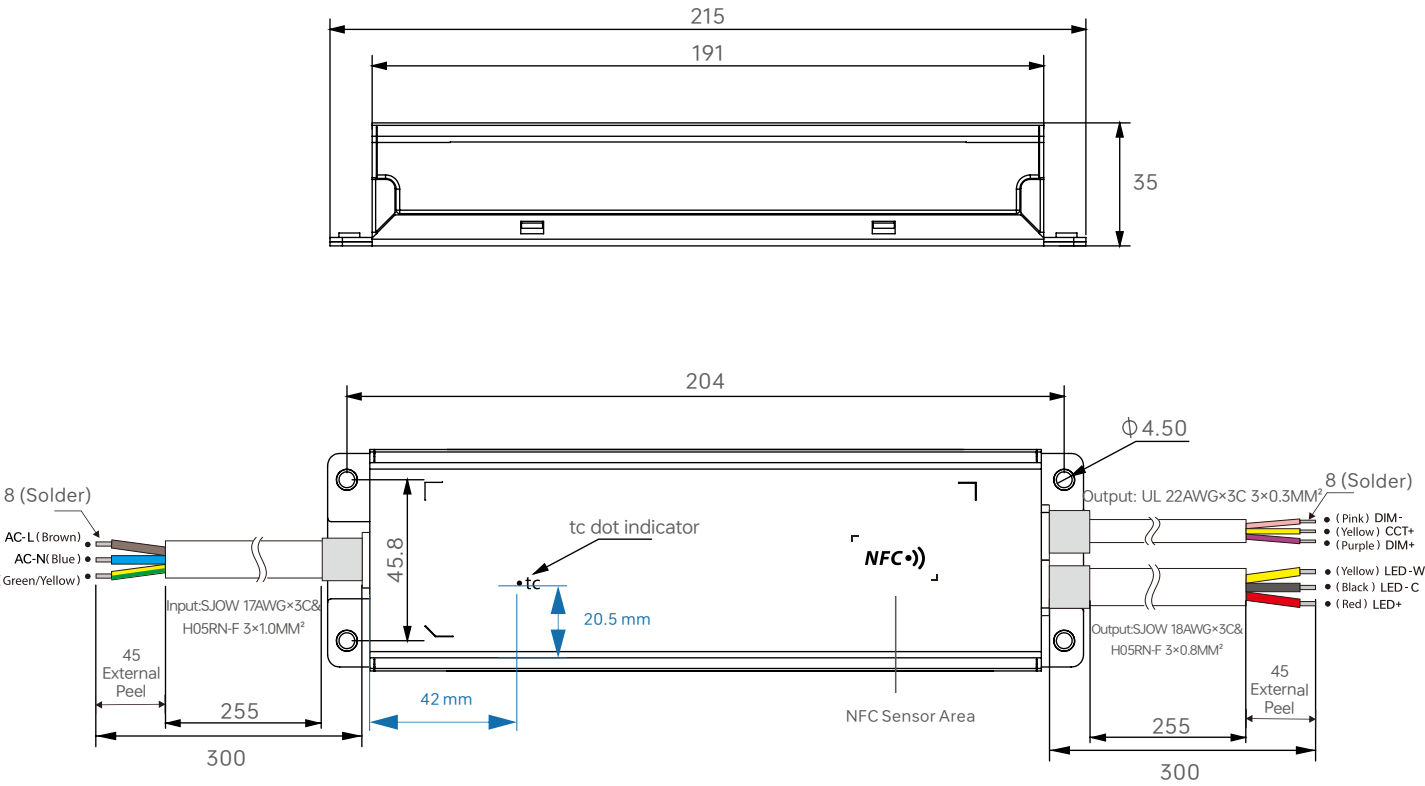
NFC

Technical Specs

Model	SW-100-24-U2L			
Features	Output Type	Constant voltage		
	Dimming Interface	Triac/ELV,0-10V(1-10V/10V PWM/RX)		
	Output Feature	Isolation		
	Protection Grade	IP67		
	Insulation Grade	Class I (Suitable for class I/ II /III light fixtures)		
OUTPUT	Output Voltage	24V $\equiv$		
	Max. Output Voltage (No Load)	24V $\pm$ 0.5V $\equiv$		
	Output Current	Max. 4.0A		
	Output Power	Max. 96W (75W/100-180V $\sim$, 96W/200-240V $\sim$, 277V $\sim$)		
	Output Power Range	0~96W		
	Strobe Level	0~100%, Dimming depth:0.01%~0.1%		
	Overload Power Limitation	Switching ripple $\leq$ 120mV, Noise $\leq$ 500mV		
PWM Frequency	300-22000Hz			
INPUT	AC Voltage Range	100-277V $\sim$		
	DC Voltage Range	220-250V $\equiv$ (EMI needs to be evaluated after the lamp is equipped.)		
	Frequency	50/60Hz		
	Input Current	Max. 0.8A/115V $\sim$, 0.5A/230V $\sim$, 0.45A/277V $\sim$ (at full load)		
	Power Factor	PF>0.95/115V $\sim$, PF>0.95/230V $\sim$, PF>0.9C/277V $\sim$ (at full load)		
	THD	115V $\sim$ @THD<6%, 230V $\sim$ @THD<15%, 277V $\sim$ @THD<25% (at full load)		
	Efficiency (Typ.)	84%/115V $\sim$, 89%/230V $\sim$, 89%/277V $\sim$		
	Inrush Current	Cold start 29A(Test twitdh=340us tested under 50% Ipeak)/230V $\sim$.		
	Anti Surge	L-N: 6KV L,N-FG: 10KV		
Leakage Current	Max.0.75mA/277V $\sim$			
ENVIRONMENT	Working Temperature	ta: -40 $\sim$ 50°C tc: 80°C		
	Working Humidity	20 $\sim$ 95%RH, non-condensing		
	Storage Temperature/Humidity	-40 $\sim$ 80°C, 10~95%RH		
	Temperature Coefficient	$\pm$ 0.03%/°C(-40 $\sim$ 60°C)		
	Vibration	10~500Hz, 2G 12min/1cycle, 72 min for X, Y and Z axes respectively		
PROTECTION	Overheat Protection	Intelligently adjust or turn off the output current if the PCB temperature $\geq$ 110°C, and recover automatically		
	Overload Protection	Automatically protect the device when the load exceeds 102% of the rated power. Automatically recover once load is reduced		
	Short Circuit Protection	Enter hiccup mode if short circuit occurs, and recover automatically		
	Overvoltage Protection	Shut down the output when no-load voltage $\geq$ 28V, and recover automatically		
SAFETY & EMC	Withstand Voltage	I/P-O/P: 3750V $\sim$ /1min/ < 5mA, I/P-FG: 1500V $\sim$ /1min/ < 5mA, O/P-FG: 500V $\sim$ /1min/ < 5mA, signal-FG: 500V $\sim$ /1min/ < 5mA		
	Insulation Resistance	I/P-O/P: 10M Ω /500V $\sim$ /1min/25°C/70%RH		
	Safety Standards	TUV	Germany	EN61347-1, EN61347-2-13, EN62493
		CB	CB Member States	IEC61347-1, IEC61347-2-13
		CE	European Union	EN61347-1, EN61347-2-13, EN62384
		EAC	Russia	IEC61347-1, IEC61347-2-13
		RCM	Australia	AS 61347-1, AS 61347-2-13
		ENEC	Europe	EN61347-1, EN61347-2-13, EN62384
		UL	America	UL8750, UL1310, Class P
		CUL	Canada	CSA C22.2 No.250.13
		PSE	Japan	J61347-1, J61347-2-13
	EMC Emission	CE	European Union	EN55015, EN61000-3-2, EN61000-3-3, EN61547
		EAC	Russia	IEC62493, IEC61547, EH55015
		RCM	Australia	EN55015, EN61000-3-2, EN61000-3-3, EN61547
		UL	America	FCCpart15B
		CUL	Canada	ICES-005
		PSE	Japan	J55015
ErP	Power Consumption	Networked standby	Standby power consumption without network connection (power consumption is zero when the thyristor signal is zero)	
		No-load power consumption	No Idle Mode	
	Flicker/Stroboscopic Effect	IEEE1789	Meet IEEE 1789 standard/High frequency exemption level	
		CIE SVM	PstLM $\leq$ 1.0, SVM $\leq$ 0.4	
	DF	Phase factor	DF $\geq$ 0.9	
OTHERS	Weight(N.W.)	850g $\pm$ 10g		
	Dimensions	215 $\times$ 63 $\times$ 35mm(L $\times$ W $\times$ H)		

Note:
1. When operating above 2000 meters (6500 feet) elevation, the ambient temperature rating for fanless models decreases at a rate of 3.5°C per 1000 meters, while fan-equipped models decrease at a rate of 5°C per 1000 meters.
2. When performing a withstand voltage test on the input to ground (FG), the gas discharge tube located on the input terminal cover of the drive must be temporarily removed to prevent functional operation of the internal gas discharge tube (see IEC 60598-1-10.2). After testing is complete, it must be reinstalled to restore surge protection functionality for the power line to ground and ensure reliable contact.

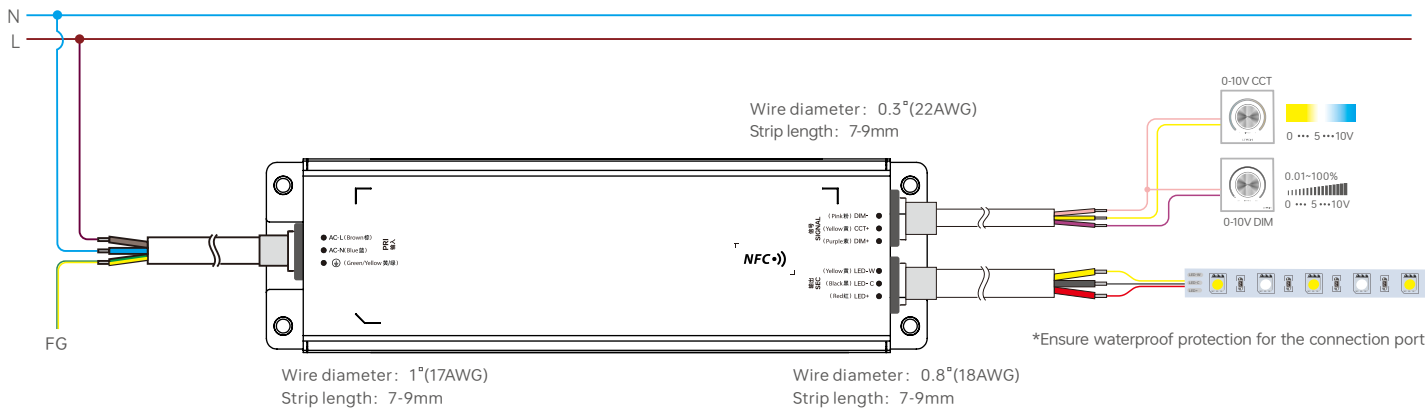
Product Size
Unit: mm



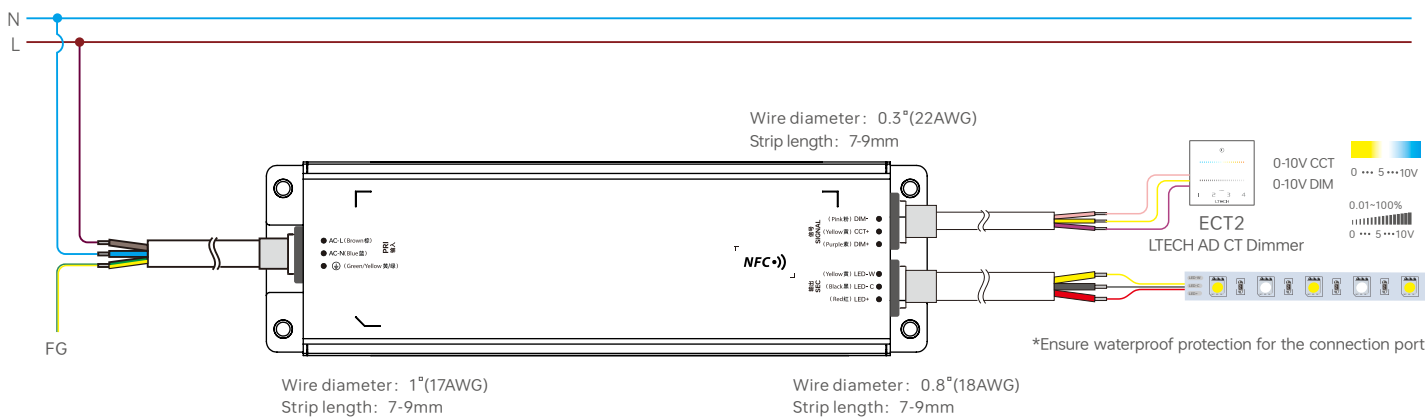
Wiring Diagram

1. Adjust brightness and color temperature separately (via NFC Lighting APP, select dimming mode: Color Temperature - Dual-Channel)

① Connect two AD dimmers

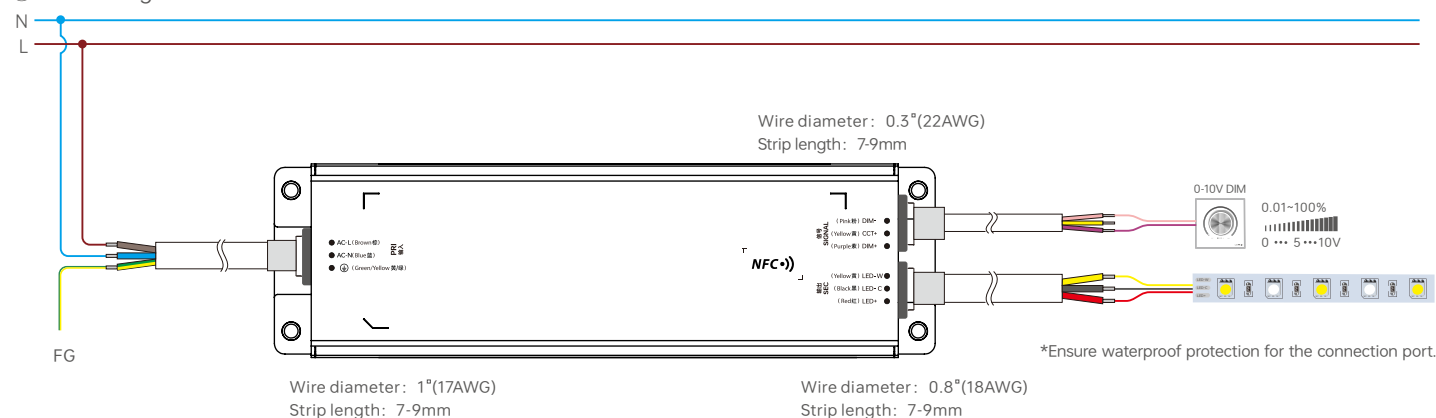


Connect a Ret AD color temperature dimmer

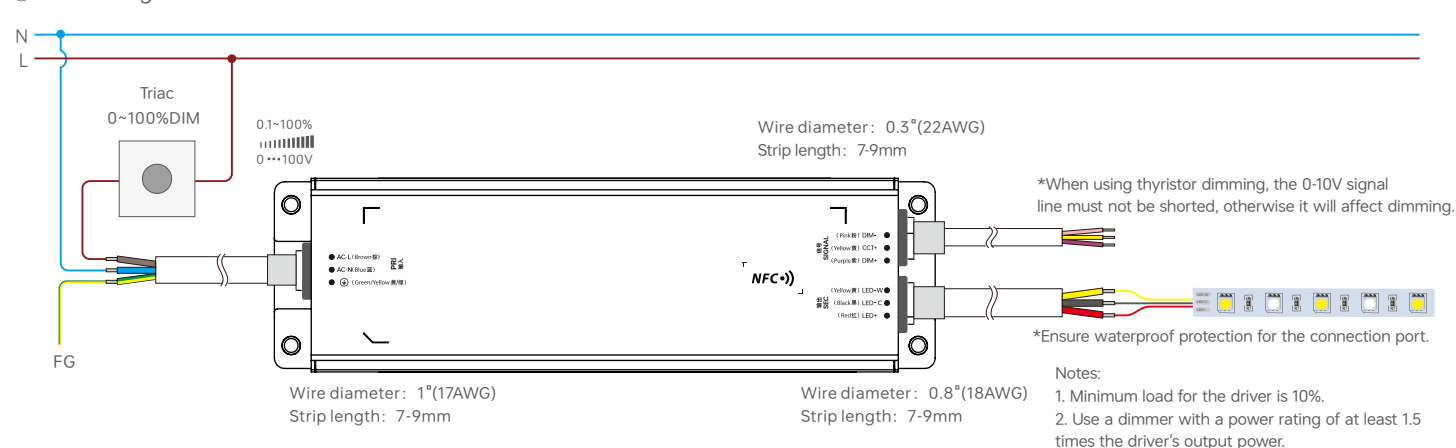


3. Fixed Color Temperature Dimming (Select dimming mode via NFC Lighting APP: Color Temperature - Single Channel, choose fixed color temperature to adjust brightness)

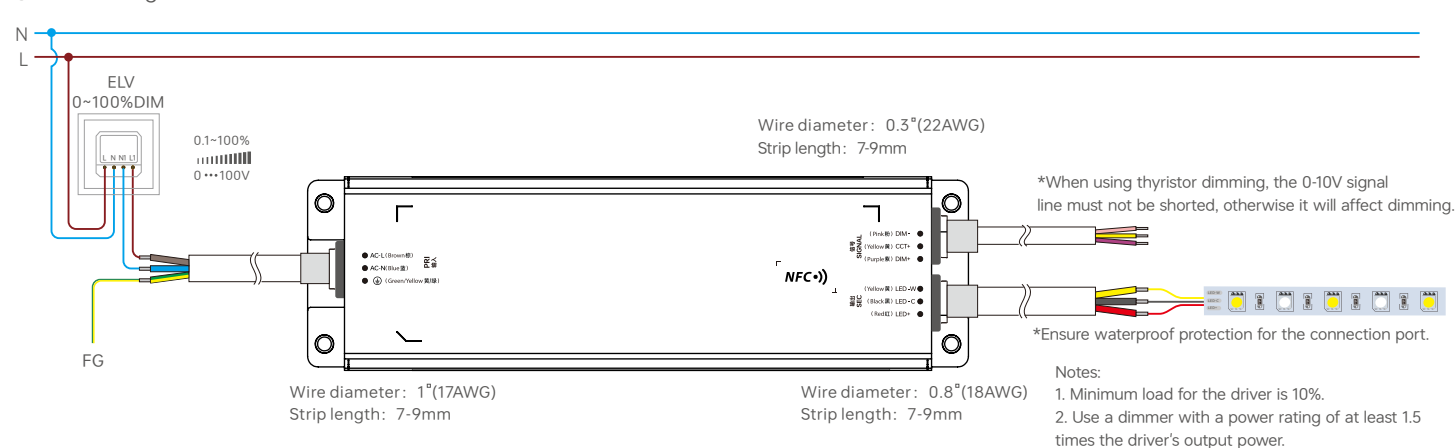
① Connecting a 0-10V dimmer



② Connecting a Triac dimmer

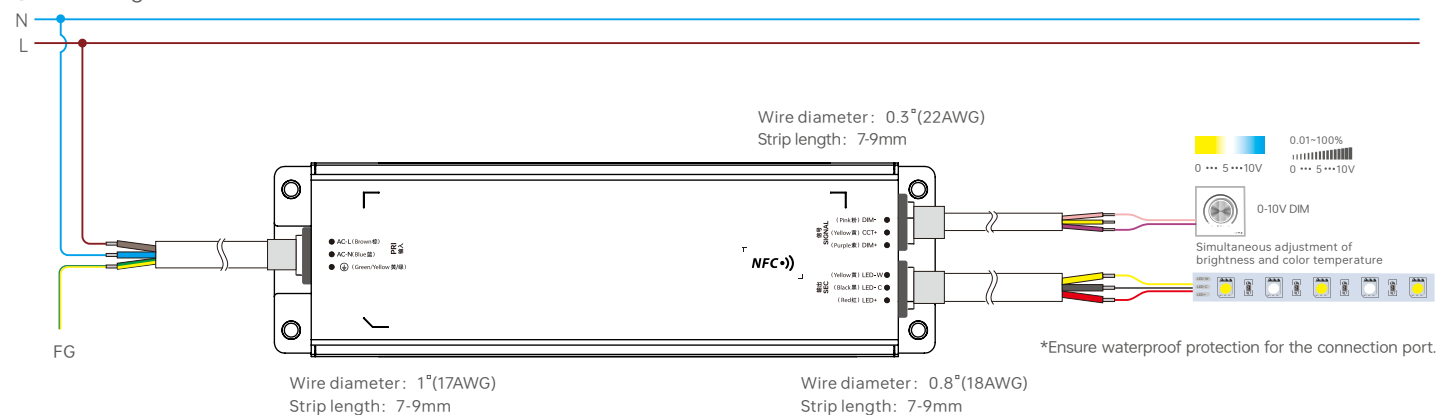


③ Connecting a ELV dimmer

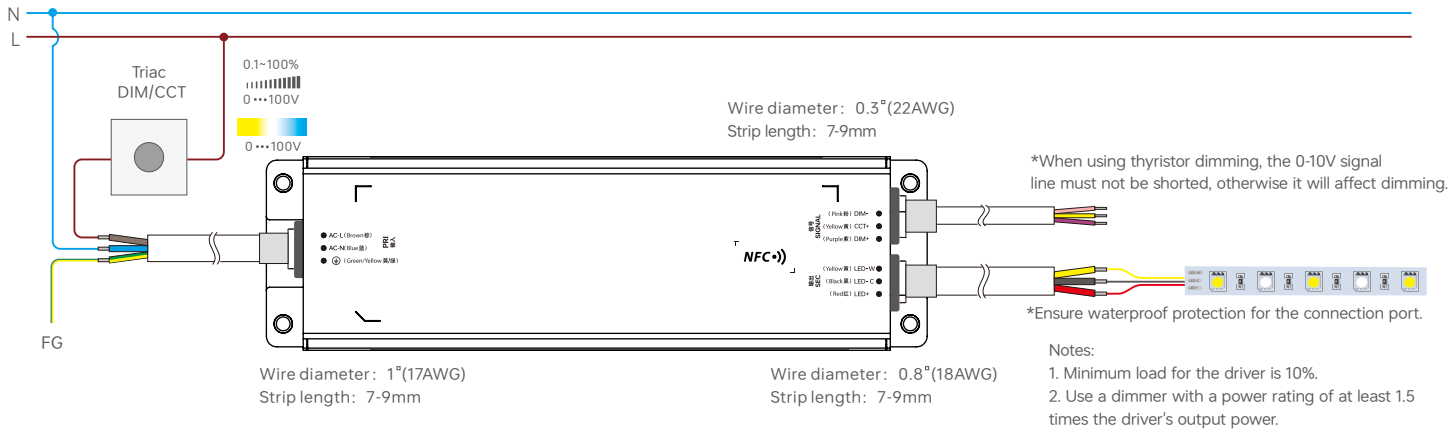


4. Simultaneous brightness and color temperature adjustment (via NFC Lighting APP select dimming mode: Color Temperature - Single Channel, brighter for whiter light, dimmer for warmer light)

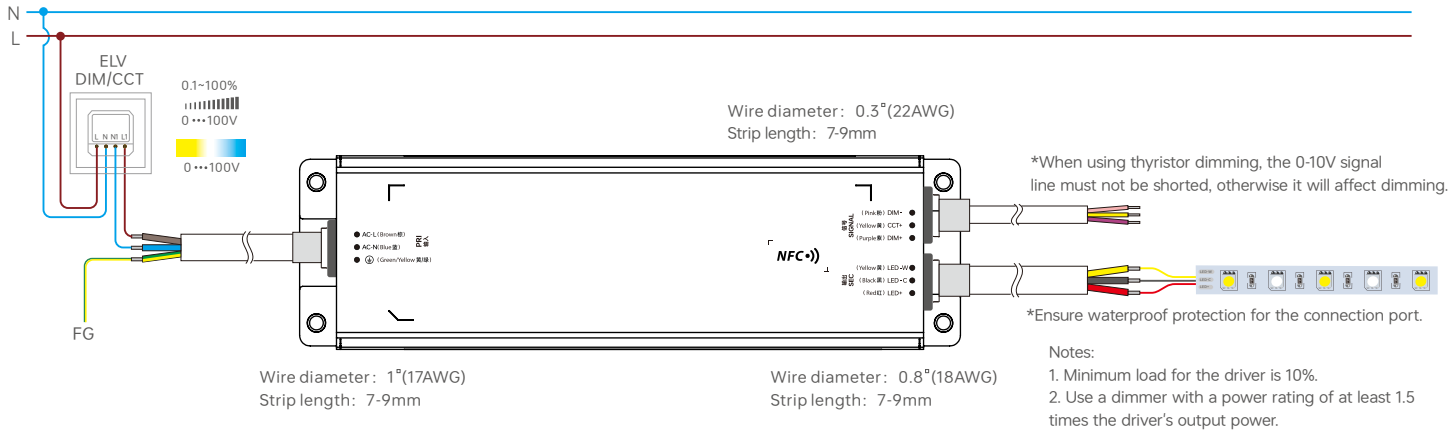
①Connecting 0-10V dimmer



② Connecting a Triac dmmmer

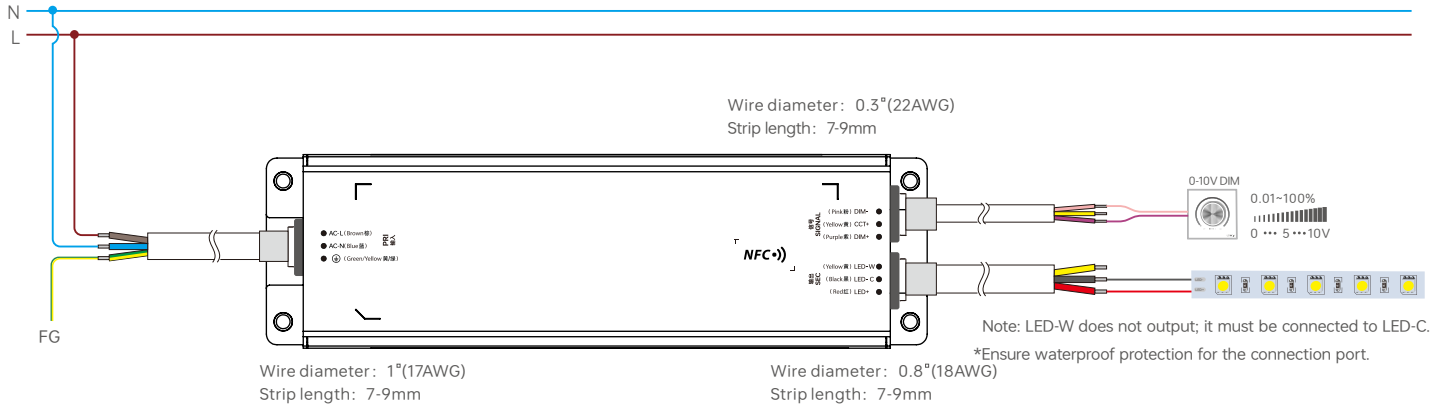


③ Connecting a ELV dimmer

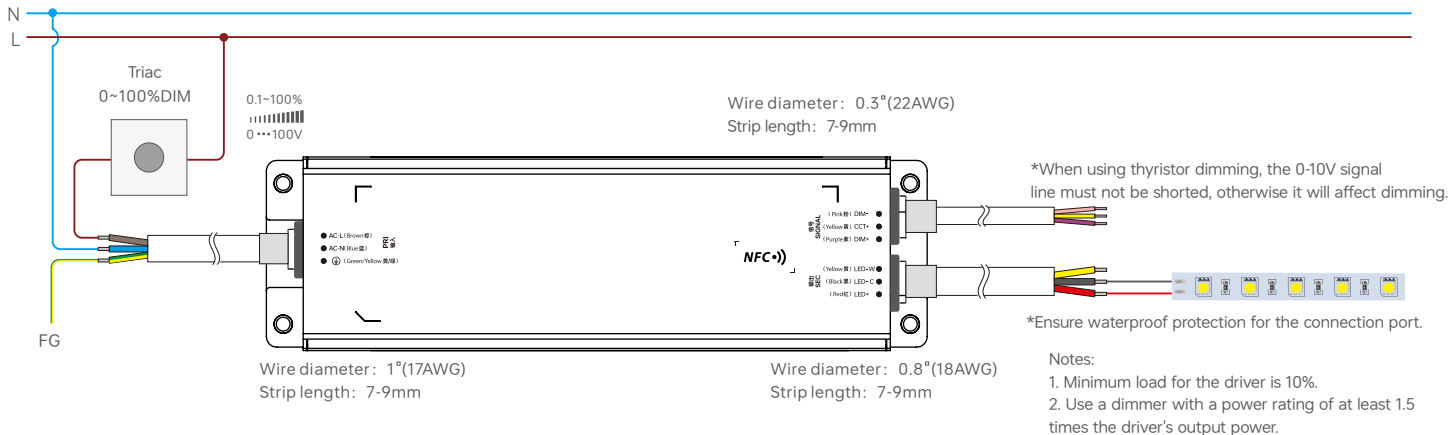


5. Single-lamp brightness adjustment (Select dimming mode via NFC Lighting APP: Dimming - Single-circuit Single-lamp)

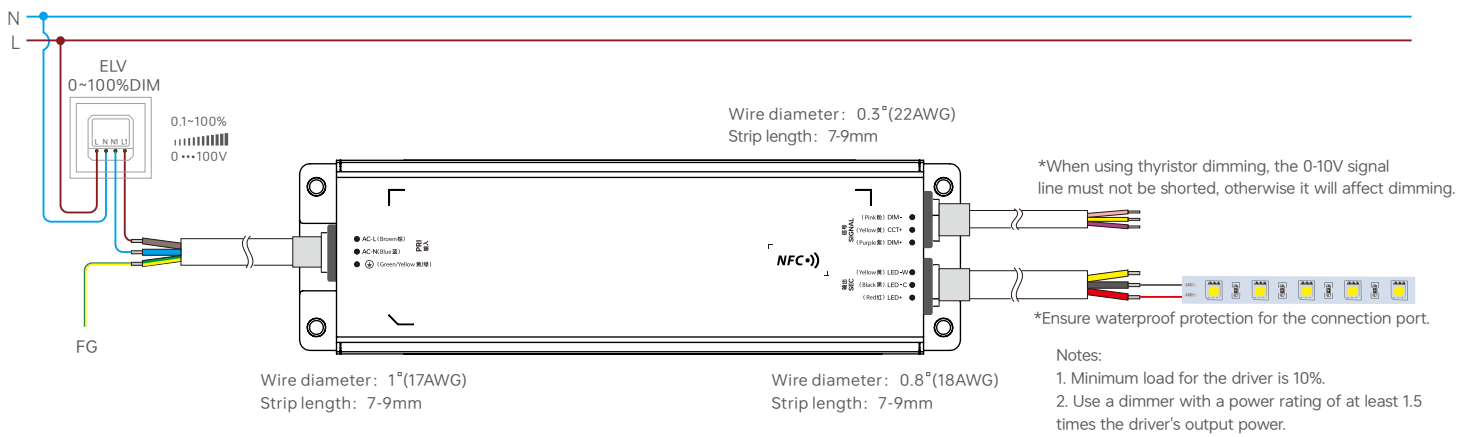
① Connecting a 0-10V dimmer



② Connecting a Triac dimmer

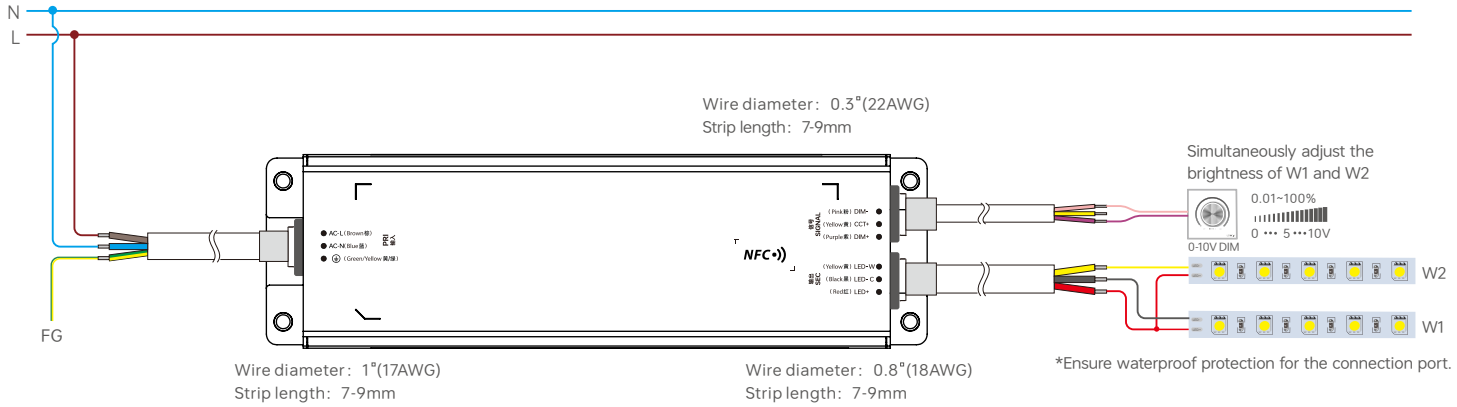


③ Connecting a ELV dimmer

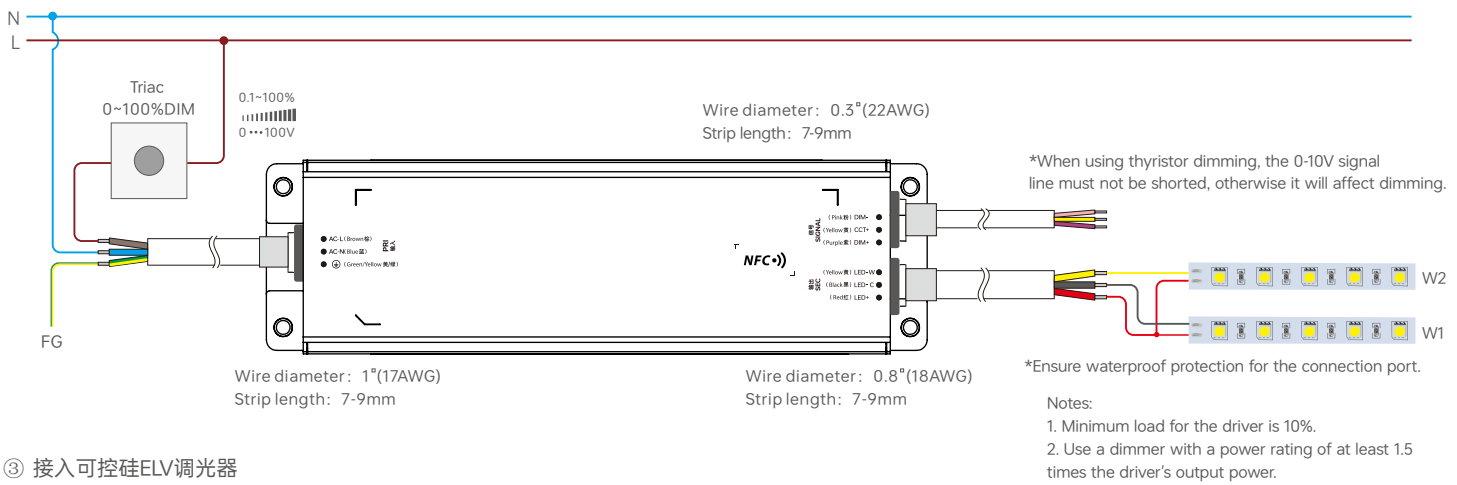


6. Dual-Light Brightness Adjustment (Select dimming mode via NFC Lighting APP: Dimming - Single-Circuit Dual Lights)

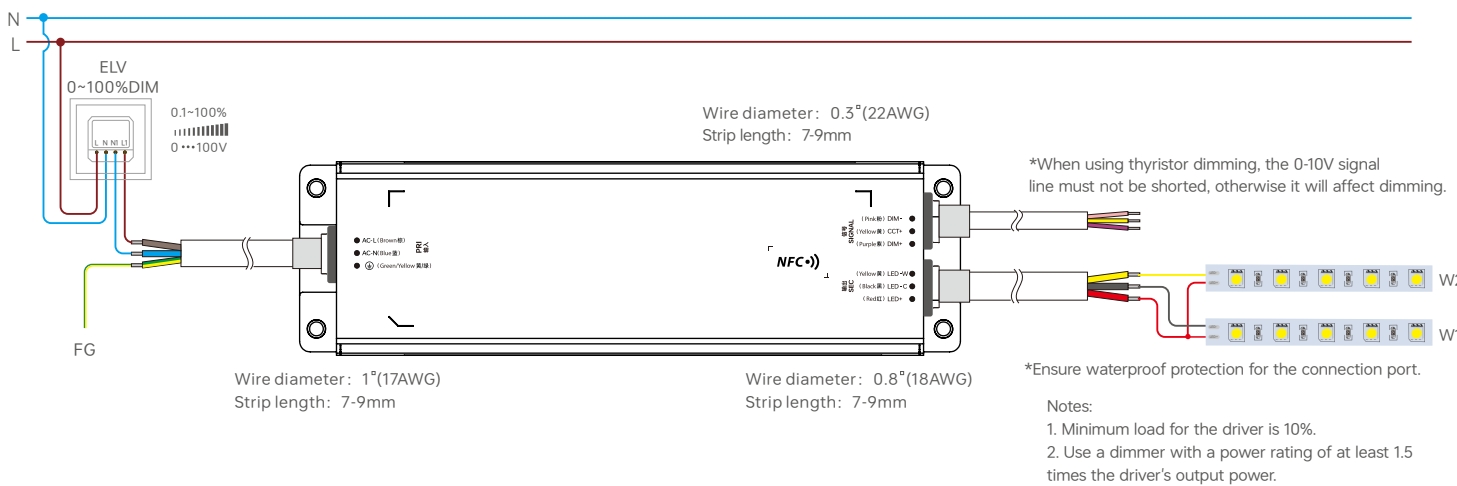
① Connecting a 0-10V dimmer



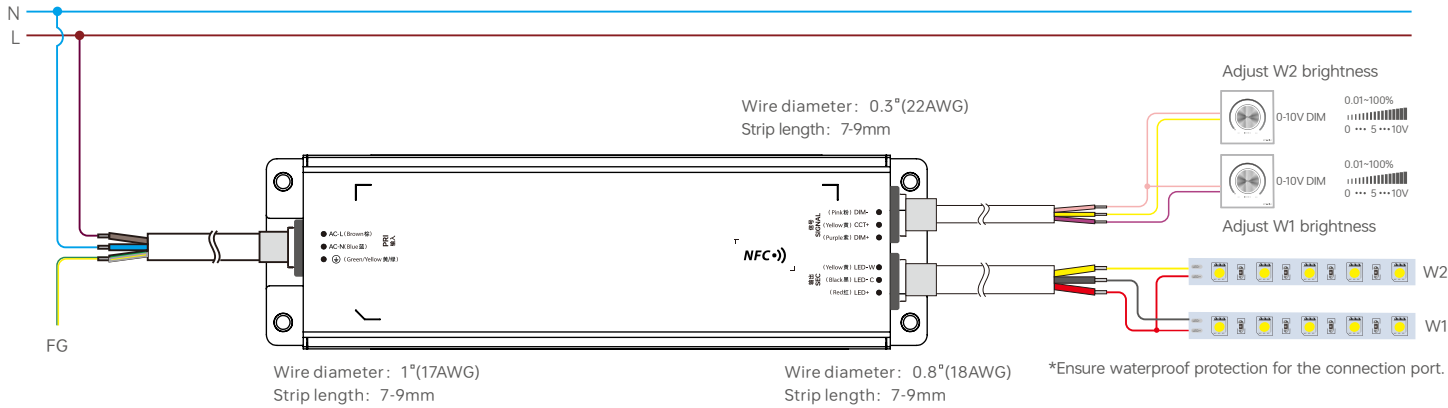
② Connecting a Triac dmmer



③ 接入可控硅ELV调光器



7. Dual-Light Brightness Adjustment (Select dimming mode via NFC Lighting APP: Dimming - Dual-Light Dual-Circuit)

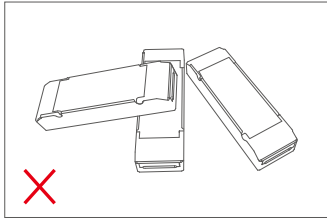


Recommended Controllable Silicon Adapter Dimmer

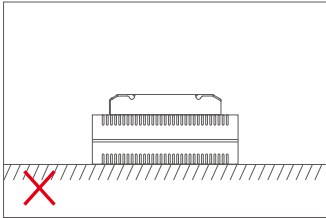
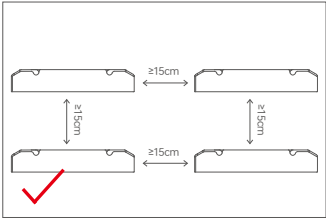
Manufacturer	LUTRON	LUTRON	LUTRON	LUTRON	MAXXIMA	LEGRAND	LEGRAND
Model	DNG-600P	MACL-153M	DVCL-253P	SCL-153P-WH	DM620	WSCL450W	LS600

* The above list contains recommended dimmers for thyristor testing. Unlisted thyristor dimmers must be verified through actual testing to ensure no abnormalities before use. 0-10V dimmers exhibit no compatibility issues.

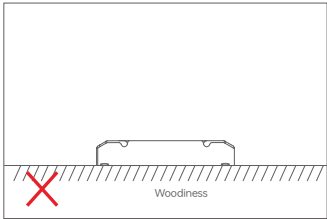
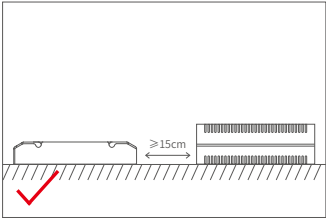
Installation Precautions



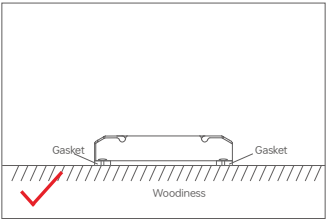
Please do not stack the products. The distance between two products should be $\geq 15\text{cm}$ so as not to affect heat dissipation or the lifetime of the products.



Please not place the products on power supplies. The distance between the product and the power supplies should be $\geq 15\text{cm}$ so as not to affect heat dissipation or shorten the lifetime of the products.



Do not fix the product screws tightly against the wooden board. Instead, add a washer with a thickness of $\geq 7\text{mm}$ under the fixing screws. Leaving some gaps can effectively dissipate heat, preventing any impact on the product's heat dissipation performance and service life.



Use the NFC Lighting APP

Scan the QR code below with your mobile phone and follow the prompts to complete the APP installation (According to performance requirements, you need to use a NFC-capable Android phone, or an iphone 8 and later that are compatible with iOS 13 or higher).



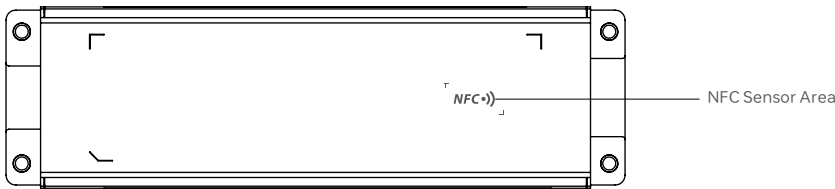
* Before you begin setting the parameters of the driver, please make sure the driver is powered off.

Read/Write the LED driver

Use your NFC-capable phone to read LED driver data, then edit the parameters and they can be directly written to the driver.

1.Read the LED driver

On the APP home page, click 【Read/Write LED driver】 , then keep the programmer’s sensing area close to the NFC sensing area of the driver to read the driver parameters.

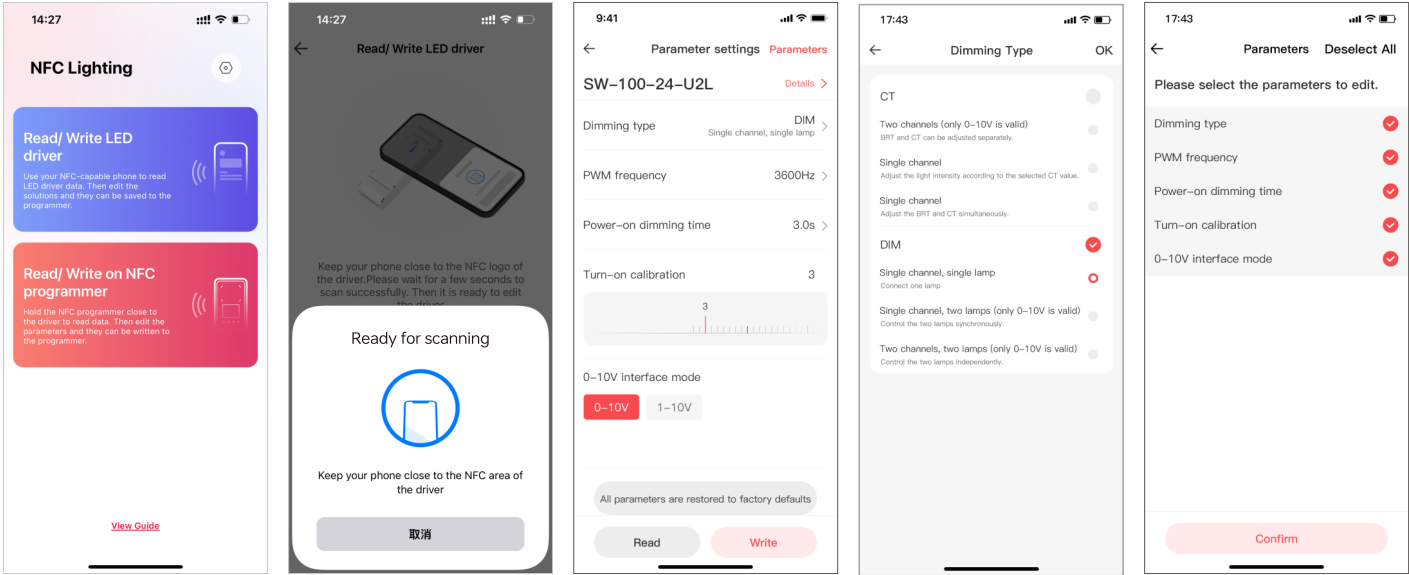


2. Edit parameters

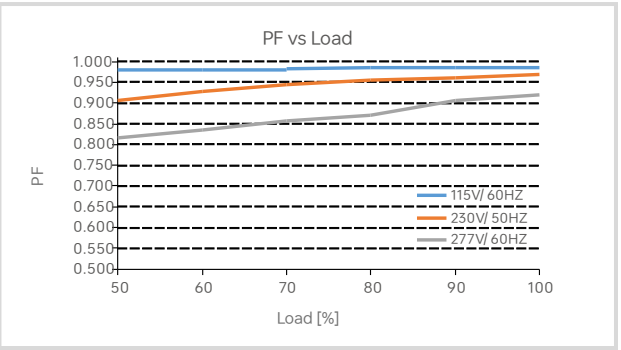
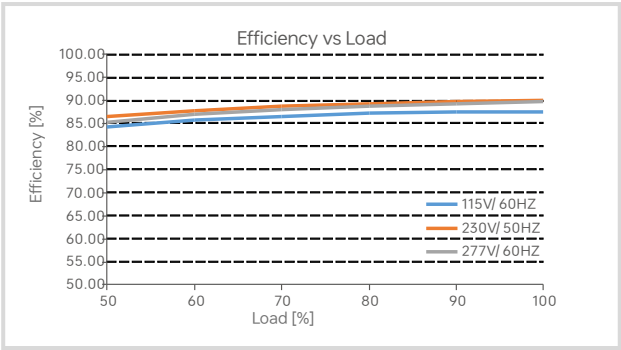
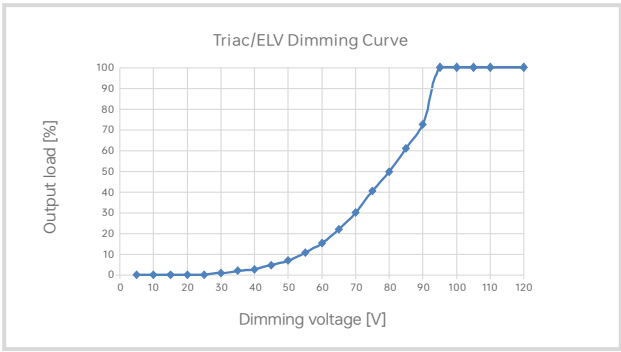
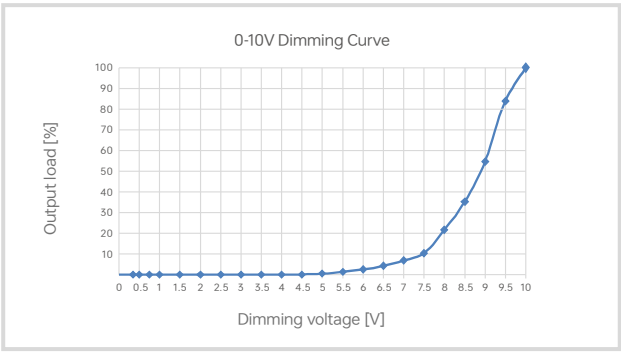
Click on [Parameter Management] to edit more advanced parameters such as Dimming Type, PWM frequency, Power-on dimming time, Turn-on calibration,and 0-10V interface mode.

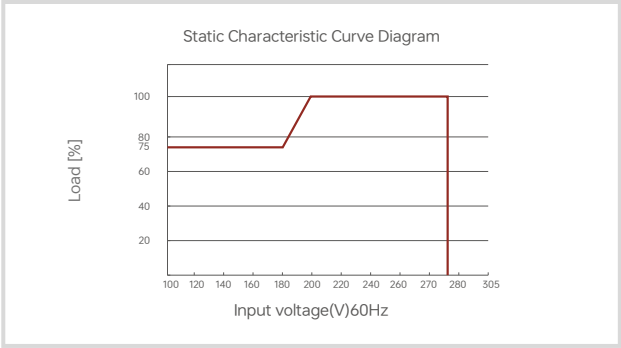
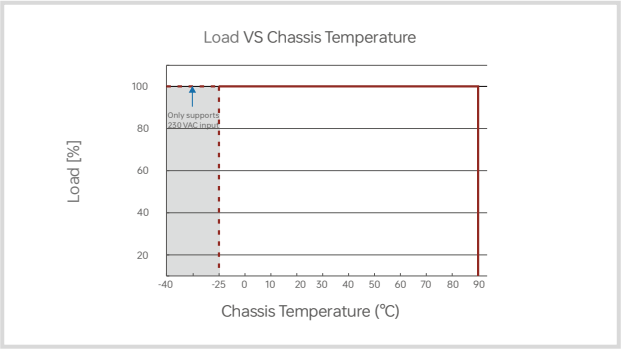
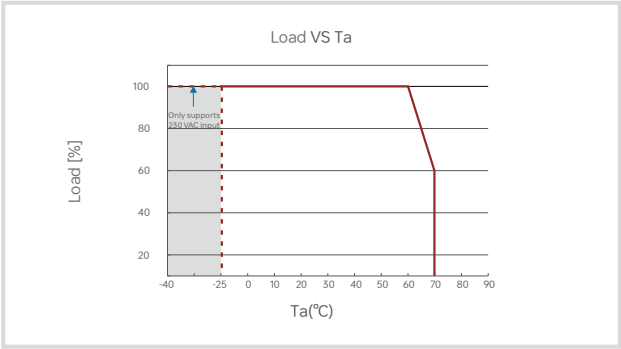
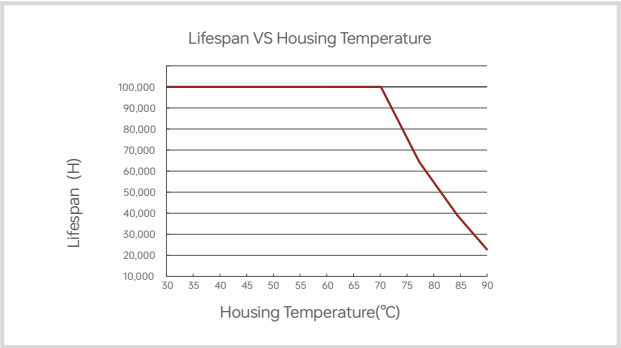
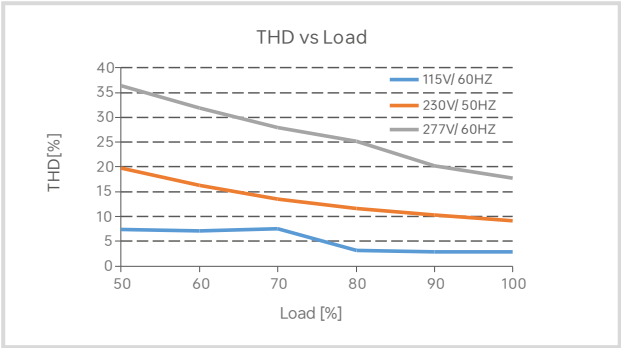
3. Write to the drive

After completing the parameter settings, click 【Write】 in the upper right corner, and keep the programmer’s sensing area close to the NFC sensing area of the driver, so the parameters can be written to the driver.



Relationship Diagrams



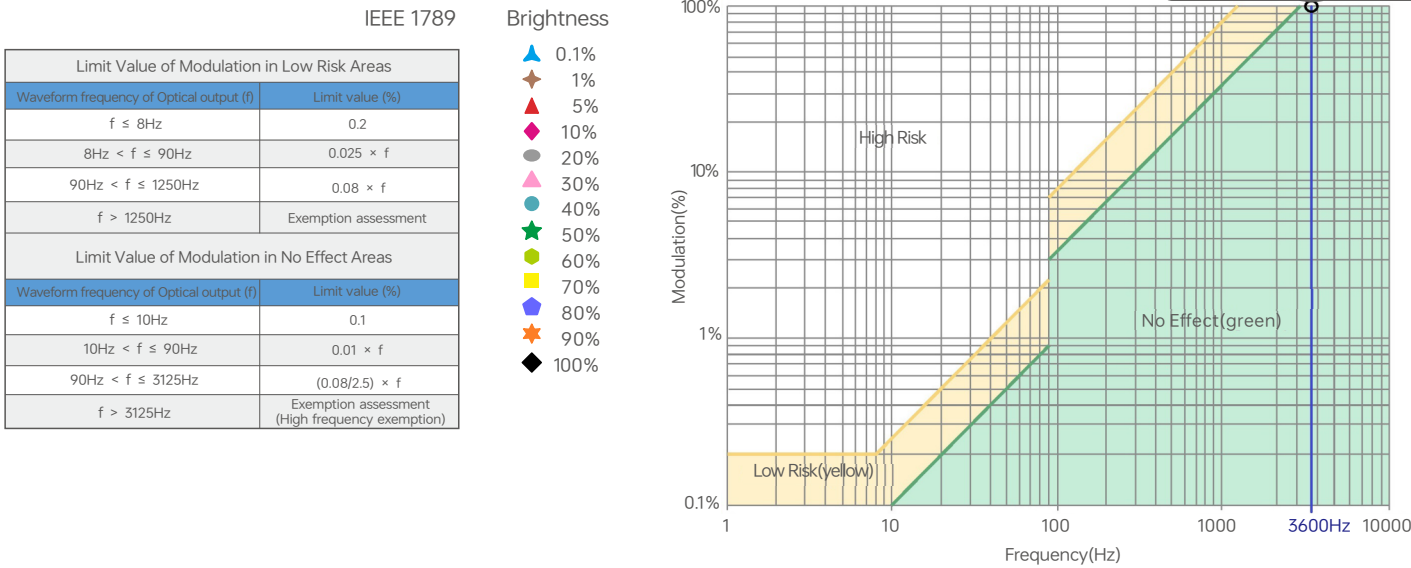


Surge Current & Corresponding Miniature Circuit Breaker (MCB) Load Capacity Table

MCB Model	B10	B13	B16	B20	B25	C10	C13	C16	C20	C25	D10	D13	D16	D20	D25
Maximum Load Capacity	20	26	32	40	50	23	30	37	47	58	27	34	42	53	66

- Remarks:
1. Test Conditions: Cold start 29A(Test twidth=340us tested under 50% Ipeak)/230V ~ .
 2. The number of supported drivers may vary depending on the brand and model of the MCB.
 - 3.It is recommended not to exceed the specified load capacity during on-site installation. The actual load should be determined based on field conditions.
 - 4.If the ambient temperature exceeds 30°C or multiple MCBs are installed side by side, the number of installed drivers must be reduced and recalculated accordingly.
 - 5.Electricians typically use Type B MCBs for residential lighting and Type C MCBs for commercial lighting applications.
 - 6.Different testing equipment may yield variations in measured current peaks and pulse widths. Always use professional-grade instruments for accurate testing.

Flicker Test Table



Packaging Specifications

Model	SW-100-24-U2L
Packaging Box Dimensions	261×93×45mm (L×W×H)

Packaging Image



Inner Packaging Box

Transportation and Storage

1. Transportation

Products can be shipped via vehicles, boats and planes.
During transportation, products should be protected from rain and sun. Please avoid severe shock and vibration during the loading and unloading process.

2. Storage

The storage conditions should comply with the Class I Environmental Standards. The products that have been stored for more than six months are recommended to be re-inspected and can be used only after they have been qualified.

Attentions

- Products shall be installed by qualified professionals.
 - LTECH products are and not lightningproof non-waterproof (special models excepted). Please avoid the sun and rain. When installed outdoors, please ensure they are mounted in a water proof enclosure or in an area equipped with lightning protection devices.
 - Good heat dissipation will prolong the working life of products. Please ensure good ventilation.
 - Please check if the working voltage used complies with the parameter requirements of products.
 - The diameter of wire used must be able to load the light fixtures you connect and ensure the firm wiring.
 - Before you power on products, please make sure all the wiring is correct in case of incorrect connection that causes damage to light fixtures.
 - If a fault occurs, please do not attempt to fix products by yourself. If you have any question, please contact your suppliers.
- ✱ This manual is subject to changes without further notice. Product functions depend on the goods. Please feel free to contact our official distributors if you have any question.

Warranty Agreement

- Warranty periods from the date of delivery: 5 years.
- Free repair or replacement services for quality problems are provided within warranty periods.

Warranty exclusions below:

- Beyond warranty periods.
- Any artificial damage caused by high voltage, overload, or improper operations.
- Products with severe physical damage.
- Damage caused by natural disasters and force majeure.
- Warranty labels and barcodes have been damaged.
- No any contract signed by LTECH.

1. Repair or replacement provided is the only remedy for customers. LTECH is not liable for any incidental or consequential damage unless it is within the law.
2. LTECH has the right to amend or adjust the terms of this warranty, and release in written form shall prevail.

Update Log

Version	Updated Time	Update Conten	Updated by
A0	20260227	Original version	Haipeng Li

LED智能色温驱动器(恒压型)

- 金属外壳设计，自然风冷；
- 通过NFC可更改电源参数，实现驱动器数据交互功能；
- 6合1调光：0-10V，1-10V，10VPWM，RX，Traic，ELV；
- 防水等级IP67,适用于UL，干燥，潮湿，淋雨的环境；
- 防雷保护：差模6KV,共模10KV；
- 调光范围0~100%，LED从0.01%开始调光；
- 符合 Type HL，可用于北美Class 1，Division 2的场合，如加油站，化工厂，污水处理厂等；
- 通过了UL Class 2，Class P认证；
- 符合IEEE1789、UL8750标准；
- 全方位保护：过温保护，过压保护，过载保护，短路保护；
- 信号悬空时，满载输出，可作为电源使用；
- 创新的热管理技术，智能保护电源寿命；
- 常规使用下寿命可达10万小时；
- 5年保修期（采用黑金刚电容）。

6合1调光
Triac
ELV
0-10V
1-10V
10V PWM
RX

调光 调色 温

T-PWM
Dimming Technology
Flicker Free
IEEE 1789

Dimmable:
1:10000MAX



技术参数

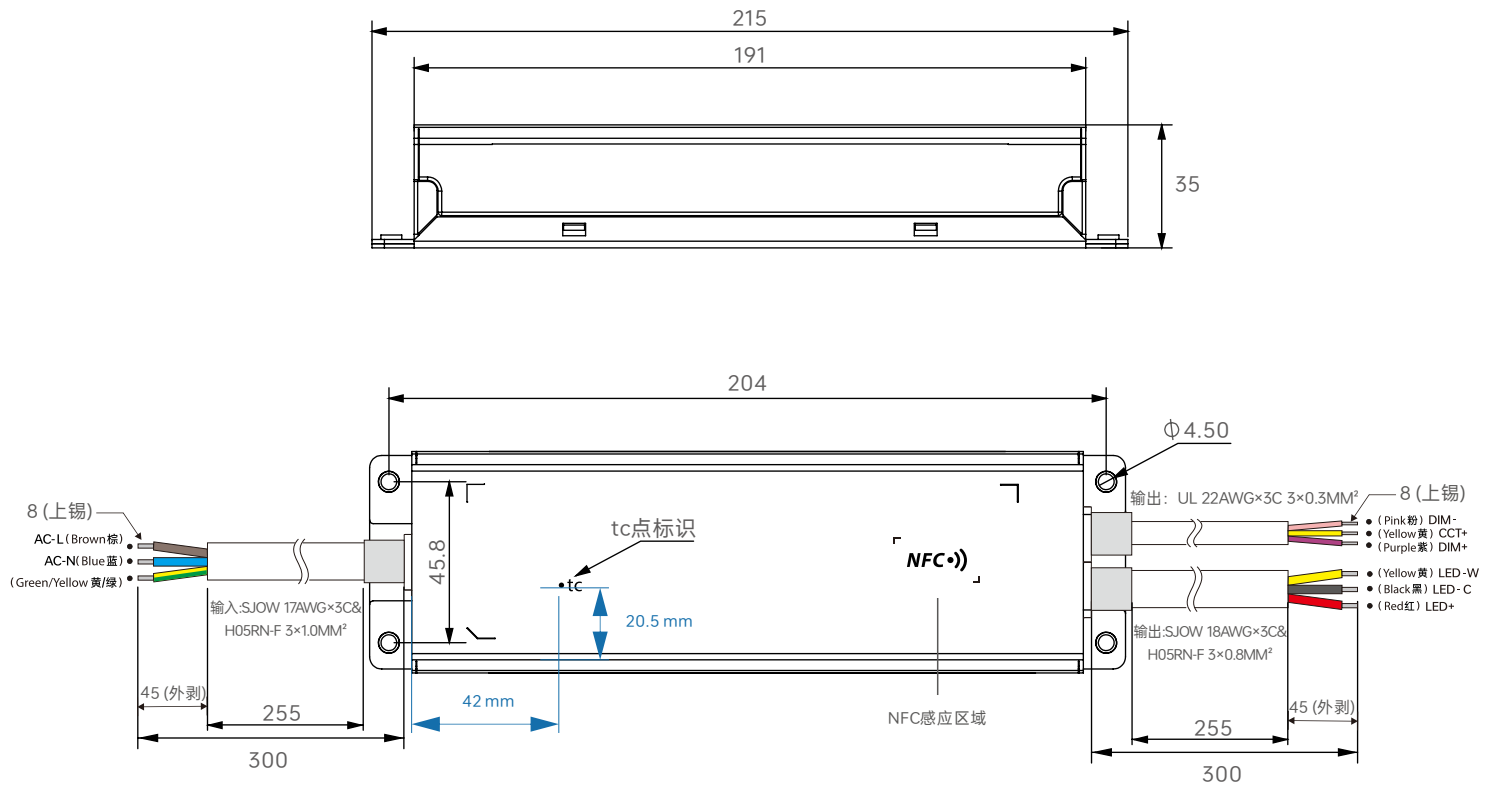
型号	SW-100-24-U2L			
特征	输出类型	恒压		
	调光接口	Triac/ELV,0-10V(1-10V/10V PWM/RX)		
	输出特征	隔离		
	防护等级	IP67		
	绝缘等级	I类(适用于室内I、II、III类灯具)		
输出	输出电压	24V $\overline{=}$		
	最大输出电压(空载)	24V $\pm$ 0.5V $\overline{=}$		
	输出电流	Max. 4.0A		
	输出功率	Max. 96W（75W/100-180V $\sim$ ，96W/200-240V $\sim$ ，277V $\sim$ ）		
	输出功率范围	0~96W		
	调光范围	0~100%，调光深度:0.01%~0.1%		
	纹波与噪声	开关纹波 $\leq$ 120mV，噪声 $\leq$ 500mV		
	PWM调光频率	300-22000Hz		
输入	交流电压范围	100-277V $\sim$		
	直流电压范围	220-250V $\overline{=}$ （EMI需配灯具后评估）		
	频率范围	50/60Hz		
	输入电流	Max. 0.8A/115V $\sim$ ，0.5A/230V $\sim$ ，0.45A/277V $\sim$ （满载）		
	功率因数	PF>0.95/115V $\sim$ ，PF>0.95/230V $\sim$ ，PF>0.9C/277V $\sim$ （满载）		
	总谐波失真THD	115V $\sim$ @THD<6%，230V $\sim$ @THD<15%，277V $\sim$ @THD<25%（满载）		
	效率(Typ.)	84%/115V $\sim$ ，89%/230V $\sim$ ，89%/277V $\sim$		
	浪涌电流	冷启动，29A/(在50%peak下测试twidth=340us)/230V $\sim$		
	抗浪涌	L-N: 6KV L,N-FG: 10KV		
	漏电流	Max.0.75mA/277V $\sim$		
环境	工作温度	ta: -40 $\sim$ 50°C tc: 80°C		
	工作湿度	20 $\sim$ 95%RH, 无冷凝		
	储存温度/湿度	-40 $\sim$ 80°C, 10~95%RH		
	温度系数	$\pm$ 0.03%/°C(-40 $\sim$ 60°C)		
	耐振动	10-500HZ, 2G 12分钟/周期，X，Y，Z轴各72分钟		
保护	过温保护	根据PCB温度超标情况($\geq$ 110°C)，智能调节电流输出或关闭，可自动恢复		
	过载保护	负载电流 $\geq$ 102%, 关闭输出，可自动恢复		
	短路保护	输出线路短路进入打嗝模式，可自动恢复		
	过压保护	空载电压 $\geq$ 28V, 关闭输出，可自动恢复		
	耐压	输入对输出：3750V $\sim$ /1min/ < 5mA，输入对地(FG): 1500V $\sim$ /1min/ < 5mA，输出对地(FG): 500V $\sim$ /1min/ < 5mA，信号对地(FG): 500V $\sim$ /1min/ < 5mA		
安规和电磁规格	绝缘阻抗	输入对输出：10M Ω /500V $\sim$ /1min/25°C/70%RH		
		TUV	德国	EN61347-1，EN61347-2-13，EN62493
		CB	CB成员国	IEC61347-1，IEC61347-2-13
		CE	欧盟	EN61347-1，EN61347-2-13，EN62384
		EAC	俄罗斯	IEC61347-1，IEC61347-2-13
		RCM	澳洲	AS 61347-1，AS 61347-2-13
		ENEC	欧洲	EN61347-1，EN61347-2-13，EN62384
		UL	美国	UL8750，UL1310，Class P
		CUL	加拿大	CSA C22.2 No.250.13
		PSE	日本	J61347-1，J61347-2-13
	安全规范			
		CE	欧盟	EN55015，EN61000-3-2，EN61000-3-3，EN61547
		EAC	俄罗斯	IEC62493，IEC61547，EH55015
		RCM	澳洲	EN55015，EN61000-3-2，EN61000-3-3，EN61547
		UL	美国	FCCpart15B
		CUL	加拿大	ICES-005
		PSE	日本	J55015
ErP	功耗	待机功耗		无待机功耗
		网络待机功耗		无网络待机功耗(可控硅信号为0时，电源功耗为0)
		空载功耗		无空载模式
	频闪/频闪效应	IEEE1789		满足无影响/高频豁免考核级别
		CIE SVM		PstLM $\leq$ 1.0，SVM $\leq$ 0.4
其他	DF	相位因素		DF $\geq$ 0.9
	产品重量	850g $\pm$ 10g		
	产品尺寸	215 $\times$ 63 $\times$ 35mm(L $\times$ W $\times$ H)		

备注: 1.当海拔高度超过2000米(6500英尺)时，无风扇机型环境温度依每3.5°C/1000m比例下降，有风扇机型环境温度依每5°C/1000m比例下降。
2.当输入对地(FG)进行耐压测试时,位于驱动器输入端盖上的气体放电管需要被临时性地移除，以防止驱动器内部的气体放电管功能性动作(参见 IEC 60598-1-10.2)。待测试完成后，必须被重新安装以恢复电力线对地的浪涌保护功能，并且确保可靠性接触。

www.ltech.cn

尺寸图

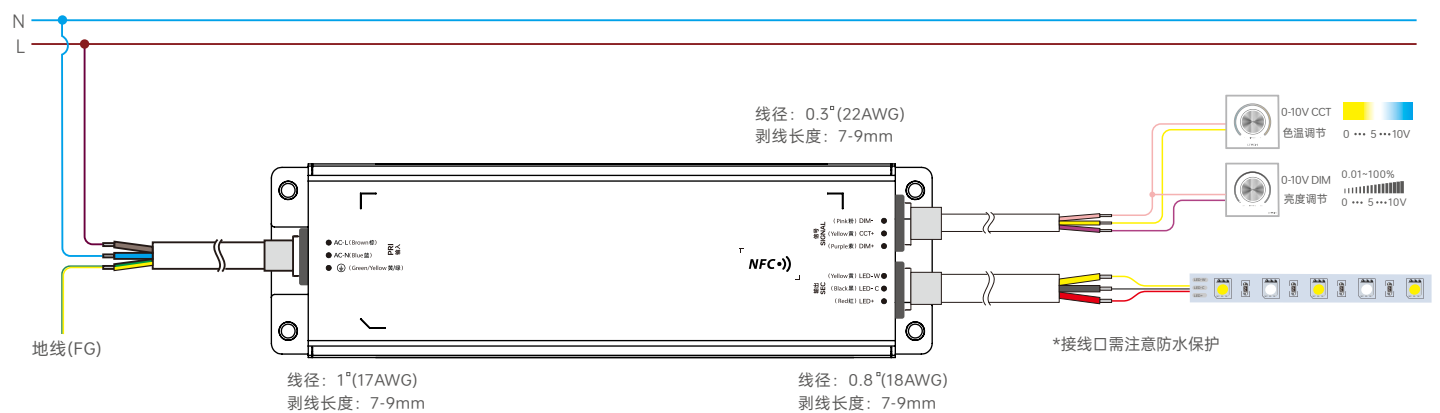
单位: mm



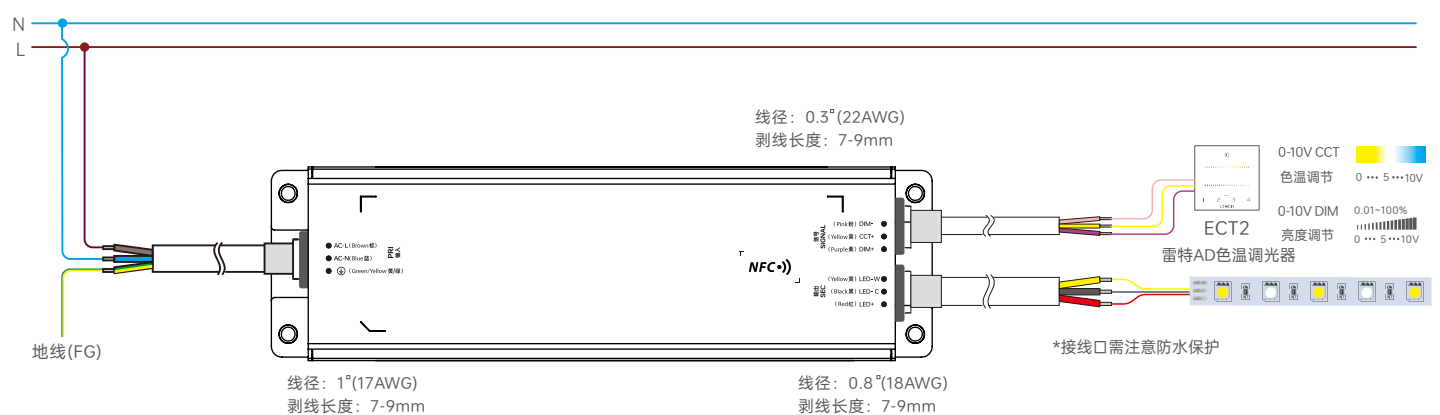
接线应用图

1. 亮度和色温分别调节(通过NFC Lighting APP选择调光方式:色温-两路)

① 接入两个AD调光器

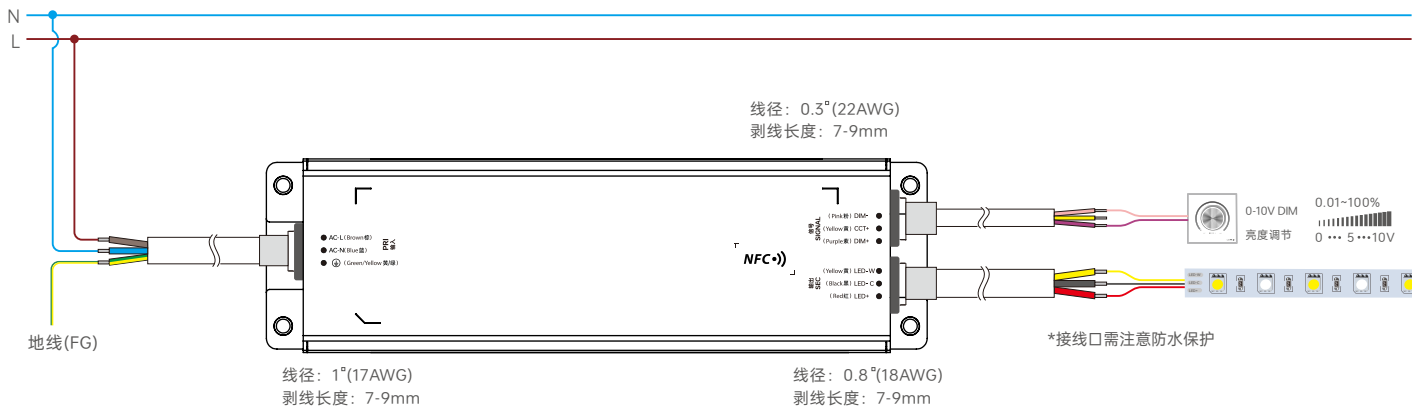


② 接入一个雷特的AD色温调光器

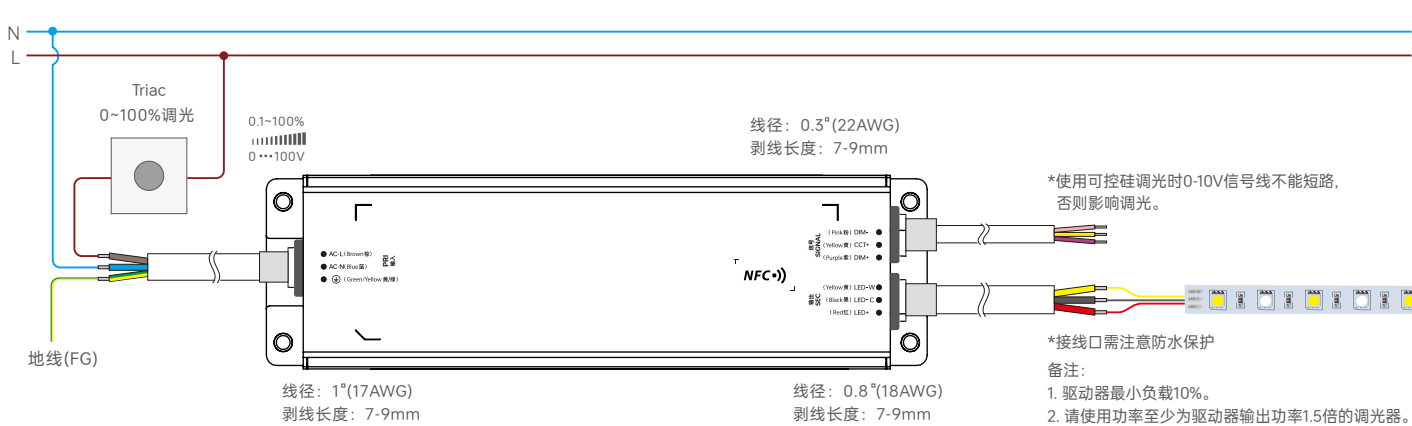


3. 固定色温调光(通过NFC Lighting APP选择调光方式: 色温-单路, 选择固定色温来调节亮度)

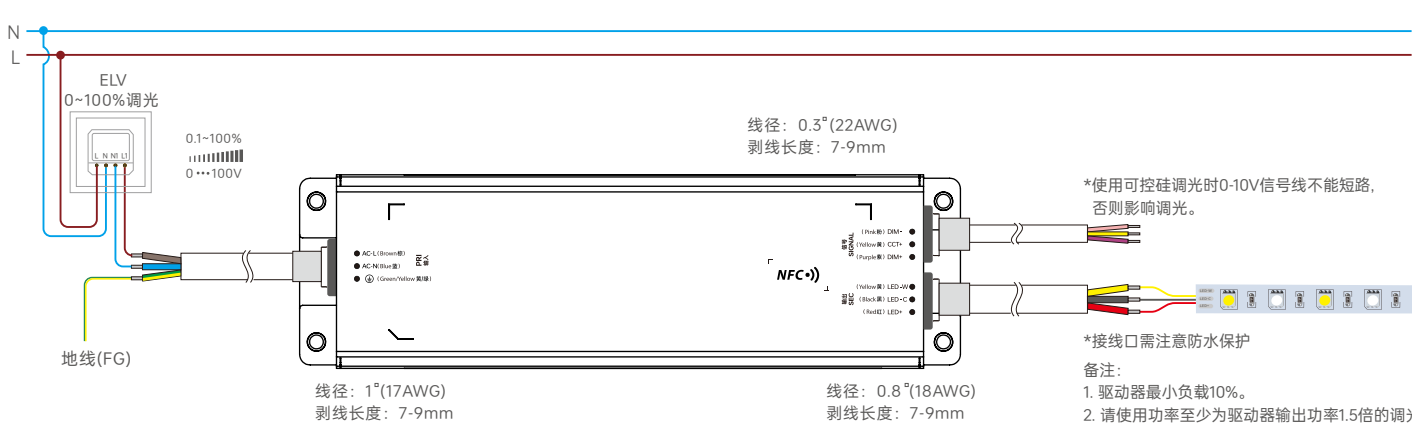
① 接入0-10V调光器



② 接入可控硅Triac调光器

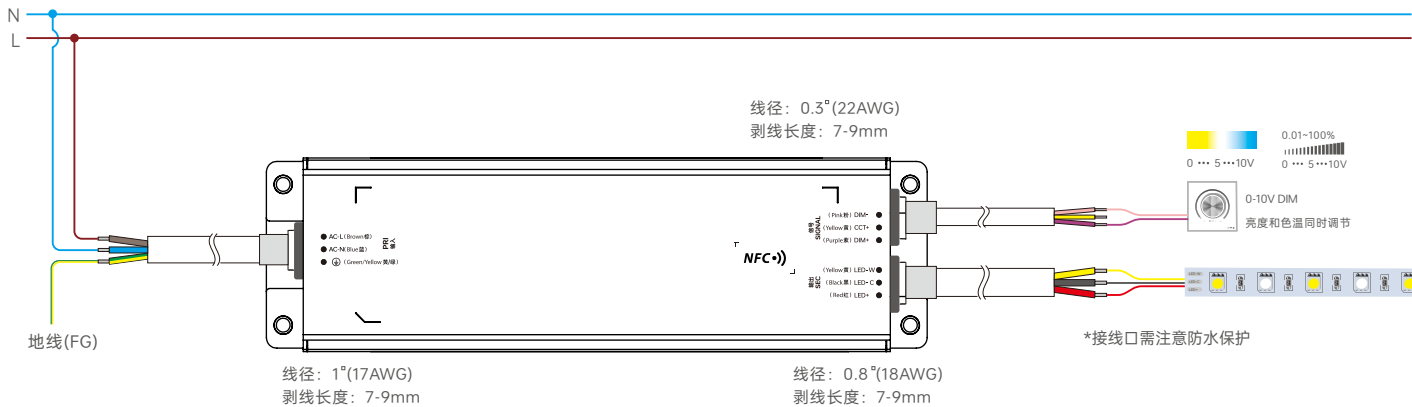


③ 接入可控硅ELV调光器

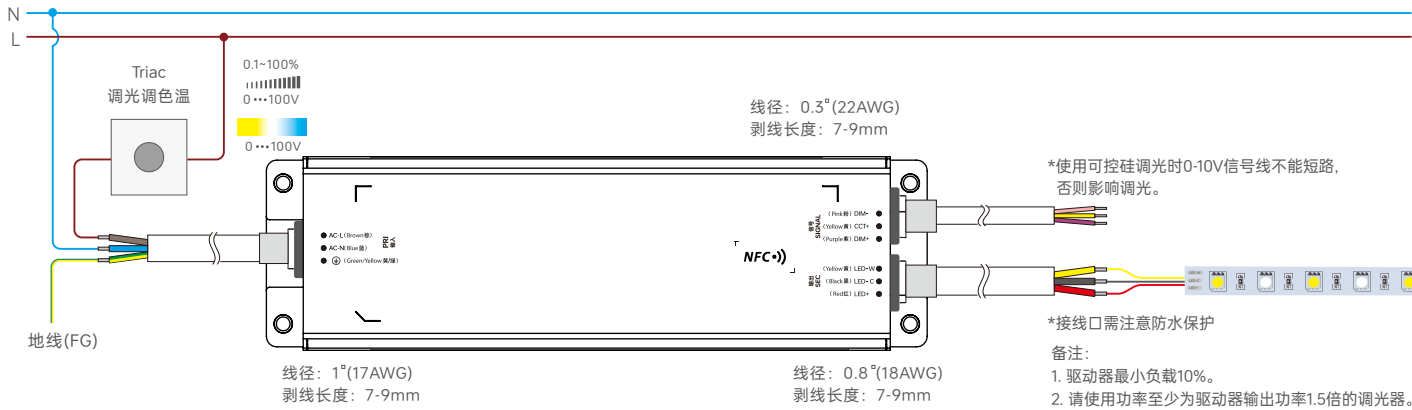


4 亮度和色温同时调节(通过NFC Lighting APP选择调光方式: 色温-单路, 越亮越白, 越暗越暖)

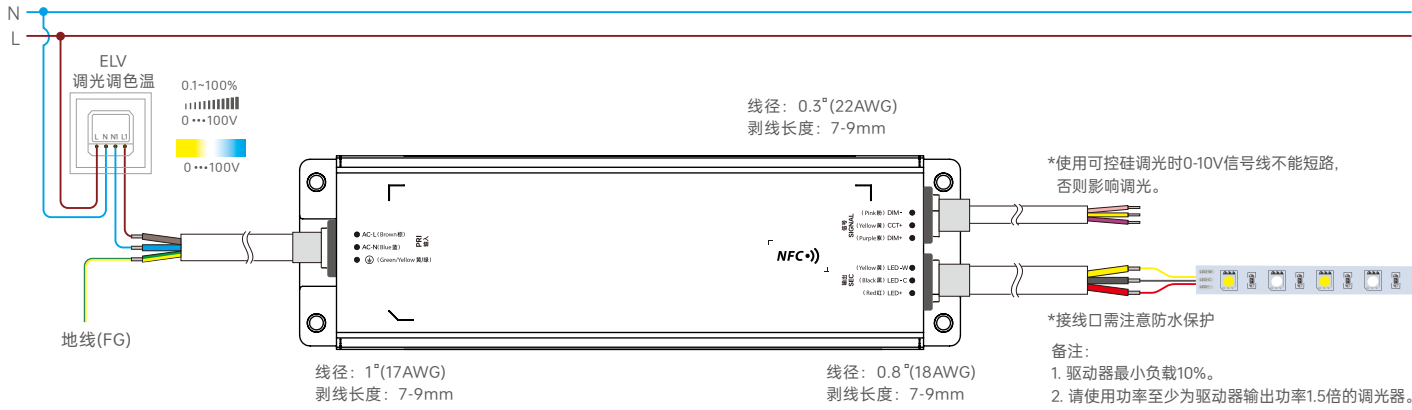
① 接入0-10V调光器



② 接入可控硅Triac调光器

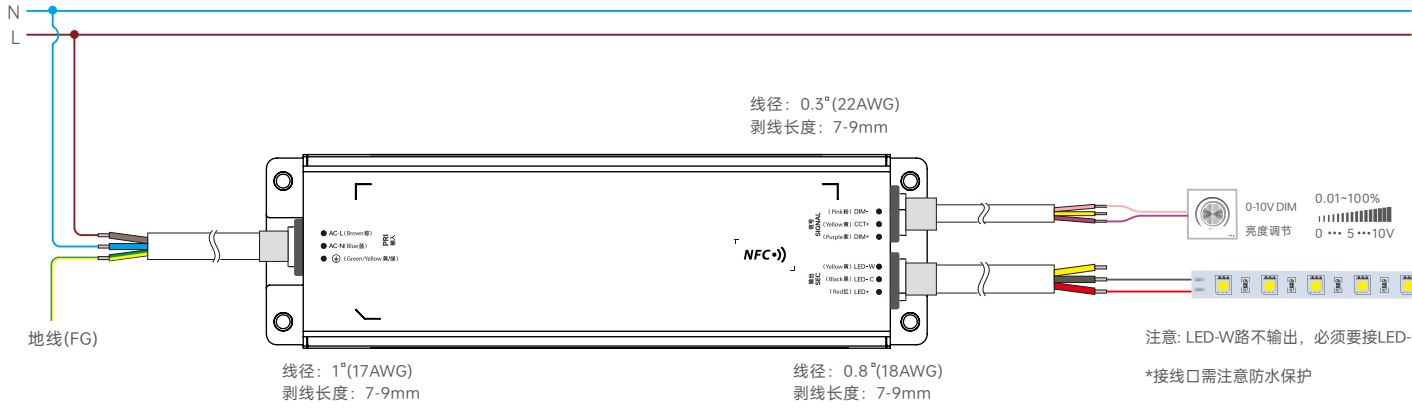


③ 接入可控硅ELV调光器

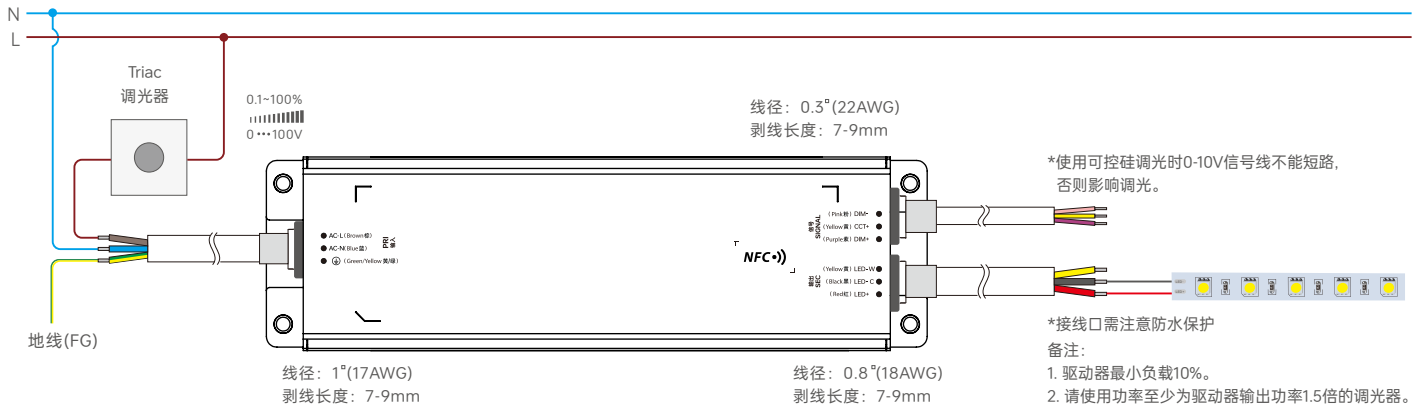


5. 单灯亮度调节(通过NFC Lighting APP选择调光方式 调光-单路单灯)

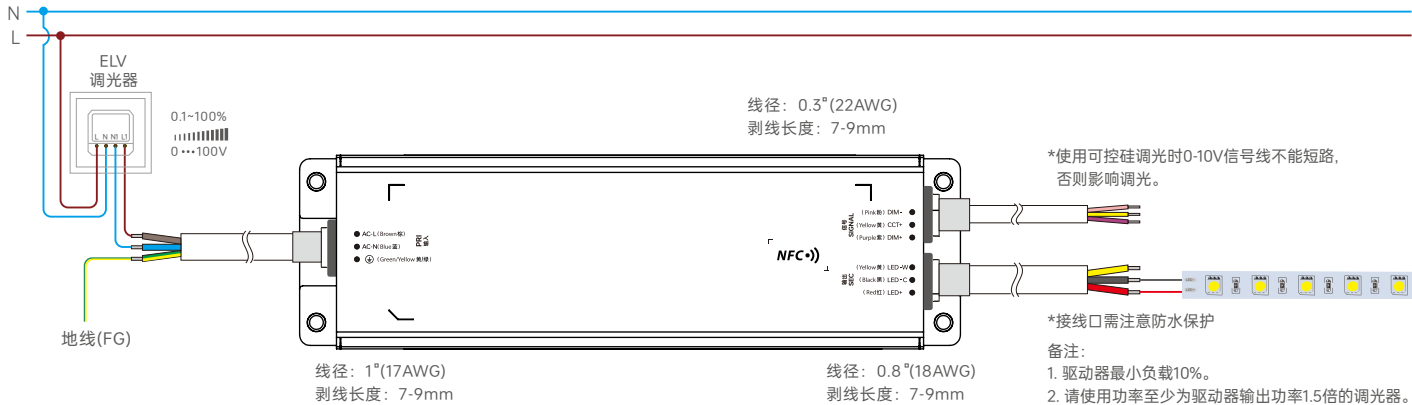
① 接入0-10V调光器



② 接入可控硅Triac调光器

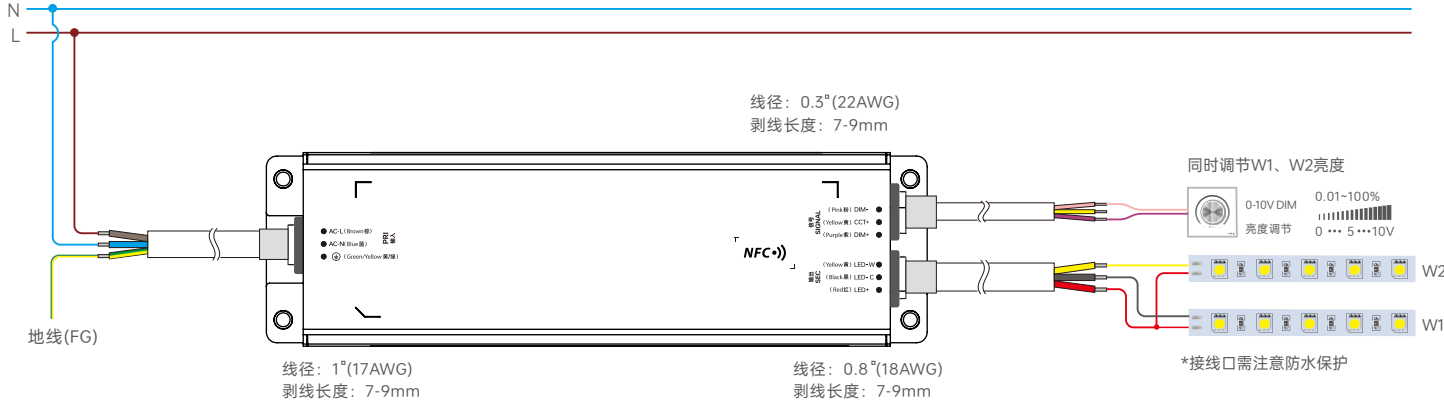


③ 接入可控硅ELV调光器

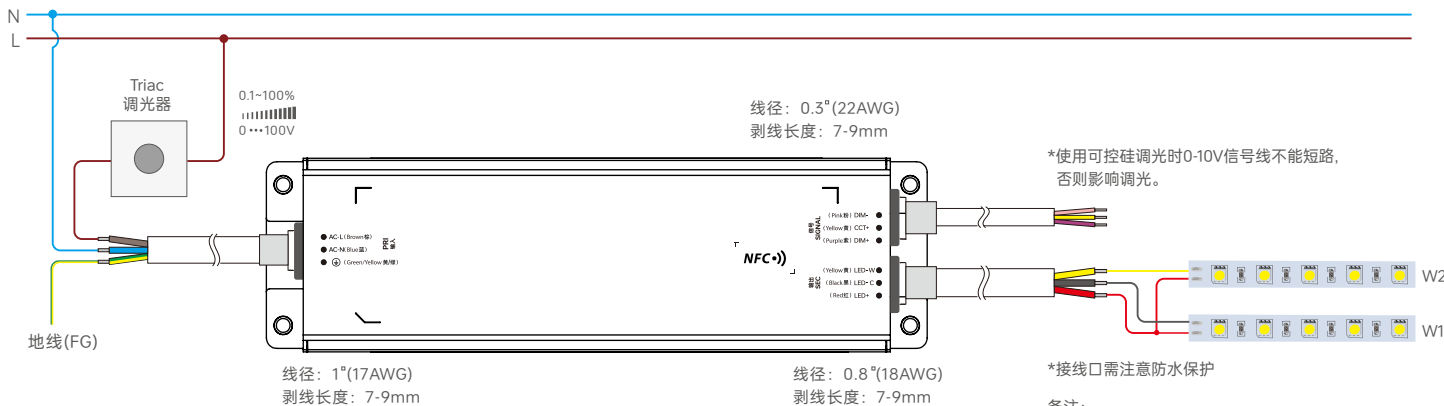


6. 双灯亮度调节(通过NFC Lighting APP选择调光方式: 调光-单路双灯)

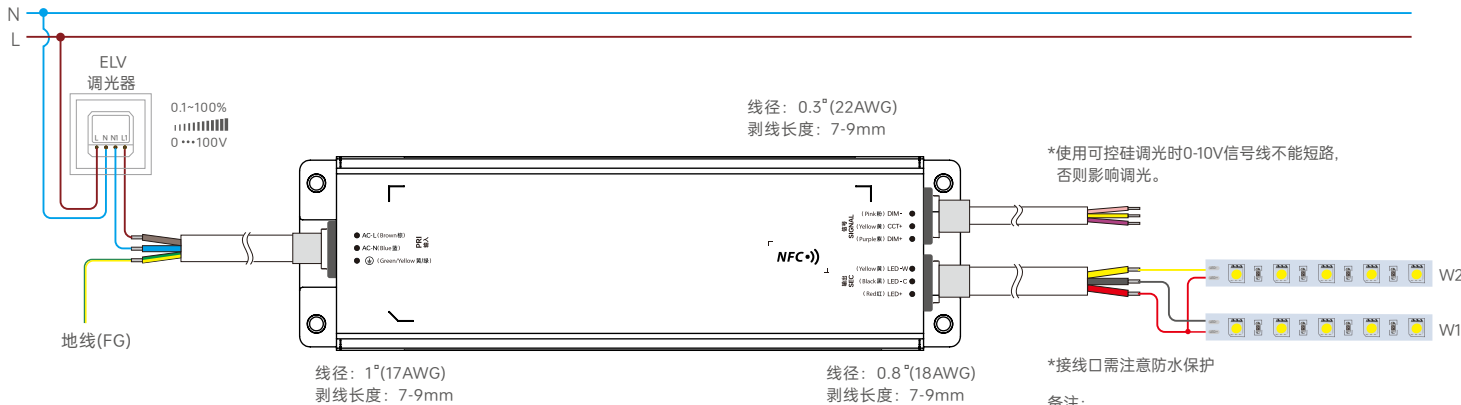
① 接入0-10V调光器



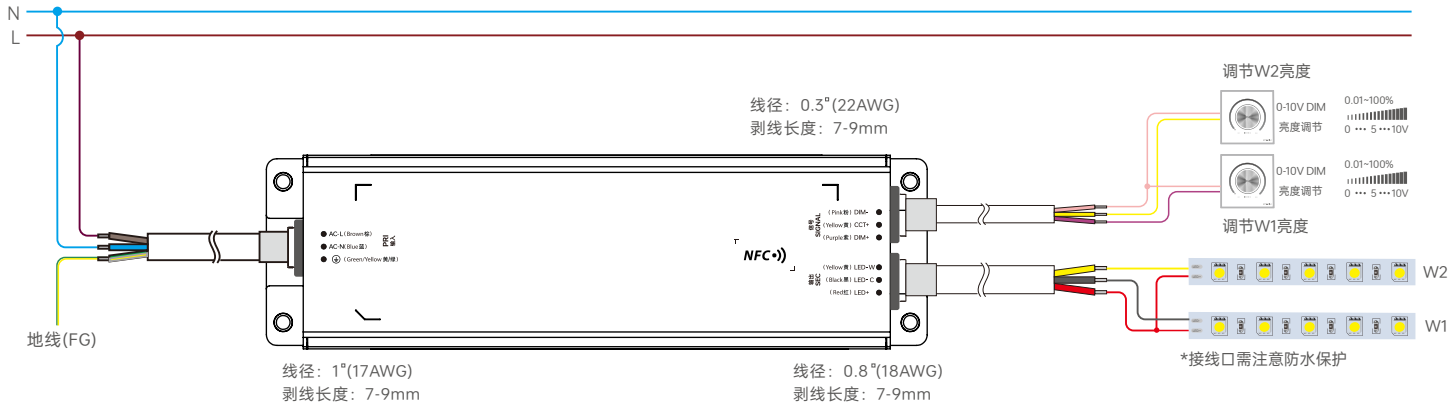
② 接入可控硅TRAC调光器



③ 接入可控硅ELV调光器



7. 双灯亮度调节(通过NFC Lighting APP选择调光方式: 调光-两路双灯)

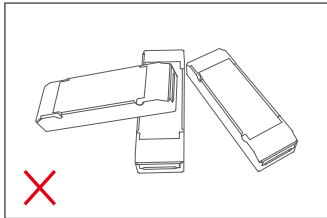


可控硅适配调光器推荐

制造商	路创	路创	路创	路创	MAXXIMA	罗格朗	罗格朗
型号	DNG-600P	MACL-153M	DVCL-253P	SCL-153P-WH	DM620	WSCL450W	LS600

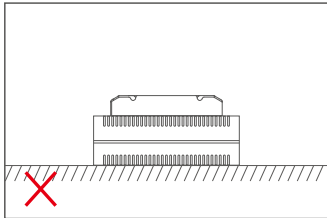
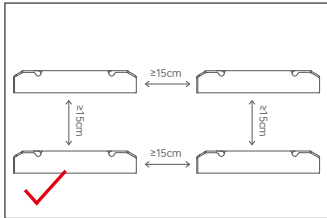
* 以上清单为可控硅测试推荐调光器，未推荐的可控硅调光器需根据实际测试确认无异常后使用；0-10V无兼容性问题。

安装注意事项

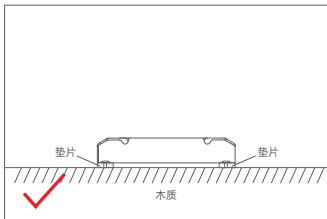
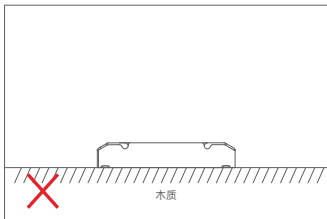
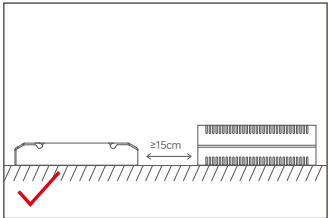


请勿将产品堆叠摆放，产品与产品间隔距离应≥15cm，避免影响产品散热和使用寿命。

注：安装需符合产品的环境工作温度，切勿安装到灯具内部，以免超出产品环境工作温度影响产品寿命。



请勿将产品置于电源上方，与电源间隔距离应≥15cm，避免影响产品散热而减少使用寿命。



请勿将产品螺丝固定紧贴于木板，应在固定螺丝下增加≥7mm的垫片，留点空隙可以有效散热，避免影响产品散热和使用寿命。

搭配 NFC Lighting APP 使用

通过手机扫描下方二维码，按提示完成APP安装。

(因性能需求，要求手机型号苹果：iPhone 8及以上、且操作系统iOS13及以上； 安卓：具备NFC功能机型)



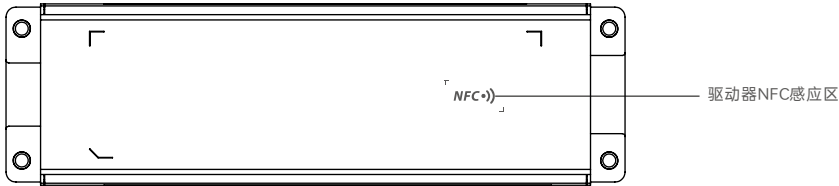
* 设置驱动器参数时，必须在驱动器断电情况下进行操作。

读/写智能电源

使用手机， 通过NFC读取驱动器信息， 根据需求设置参数后， 可直接写入驱动器。

1. 读取驱动器

在APP “首页” 点击 【读/写智能设备】， 将手机感应区域靠近驱动器NFC感应区， 读取驱动器参数。

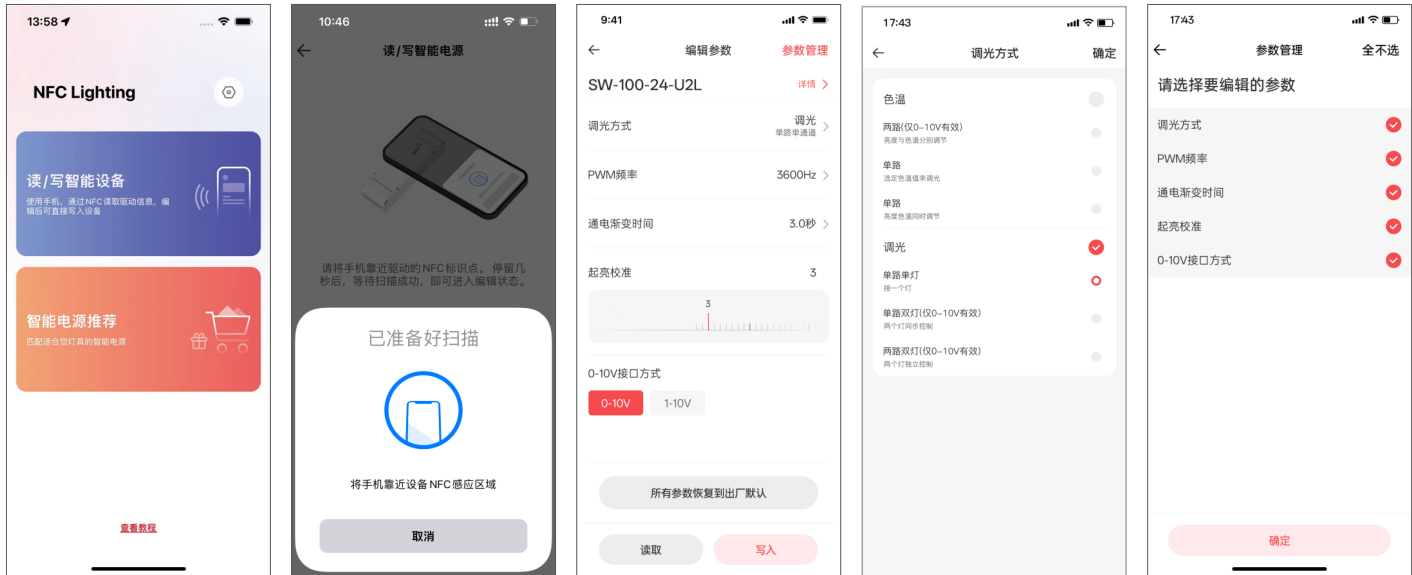


2. 编辑参数

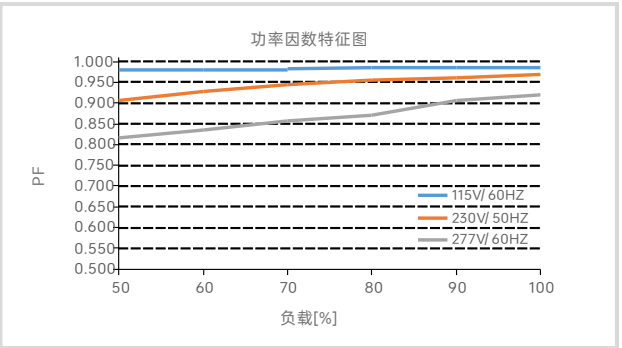
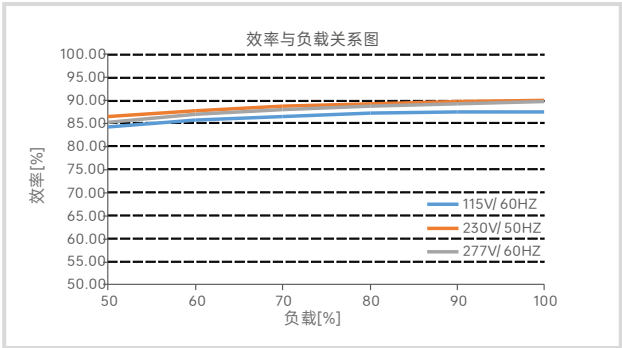
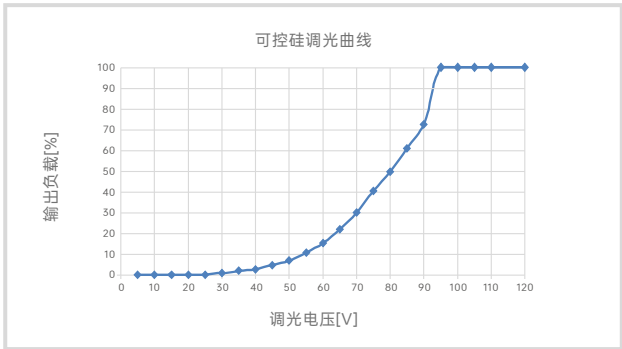
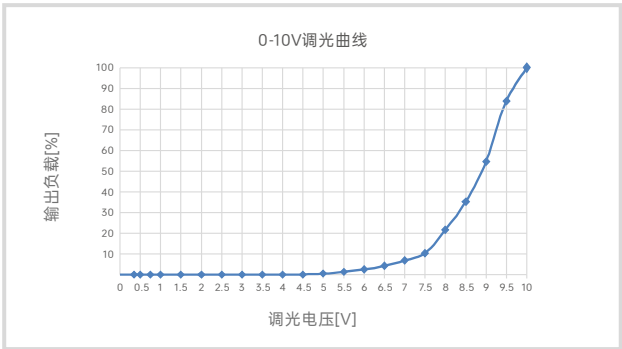
点击【参数管理】可编辑调光方式、PWM频率、通电渐变时间、起亮校准、0-10V接口方式等更多高级参数。

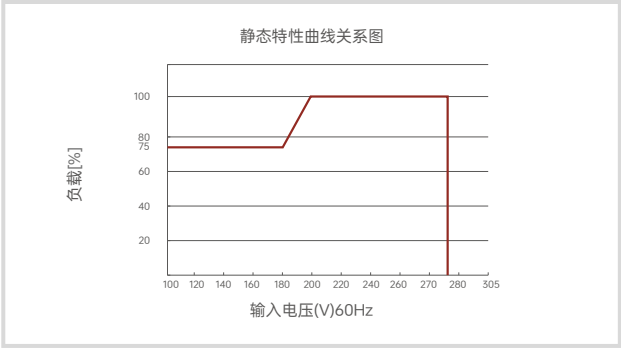
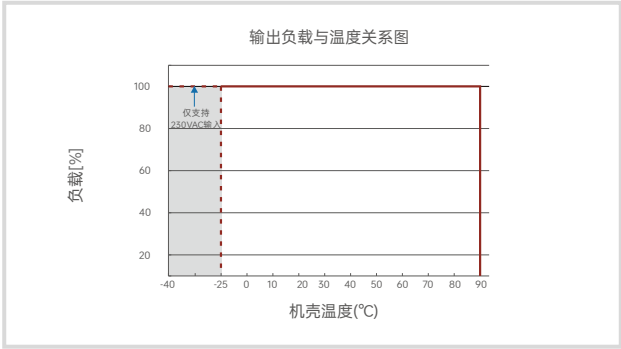
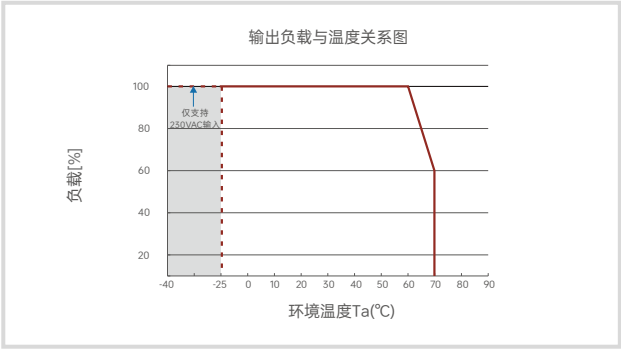
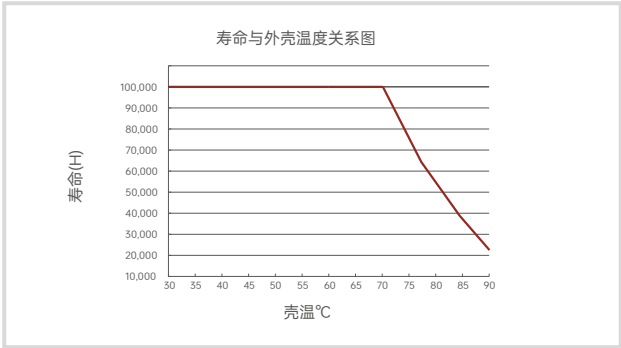
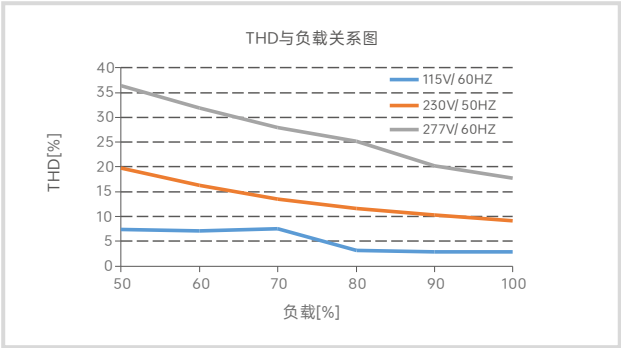
3. 写入驱动器

参数设置完成后， 点击右上角【写入】， 将手机感应区域靠近驱动器NFC感应区， 即可写入驱动器成功修改参数。



关系图表



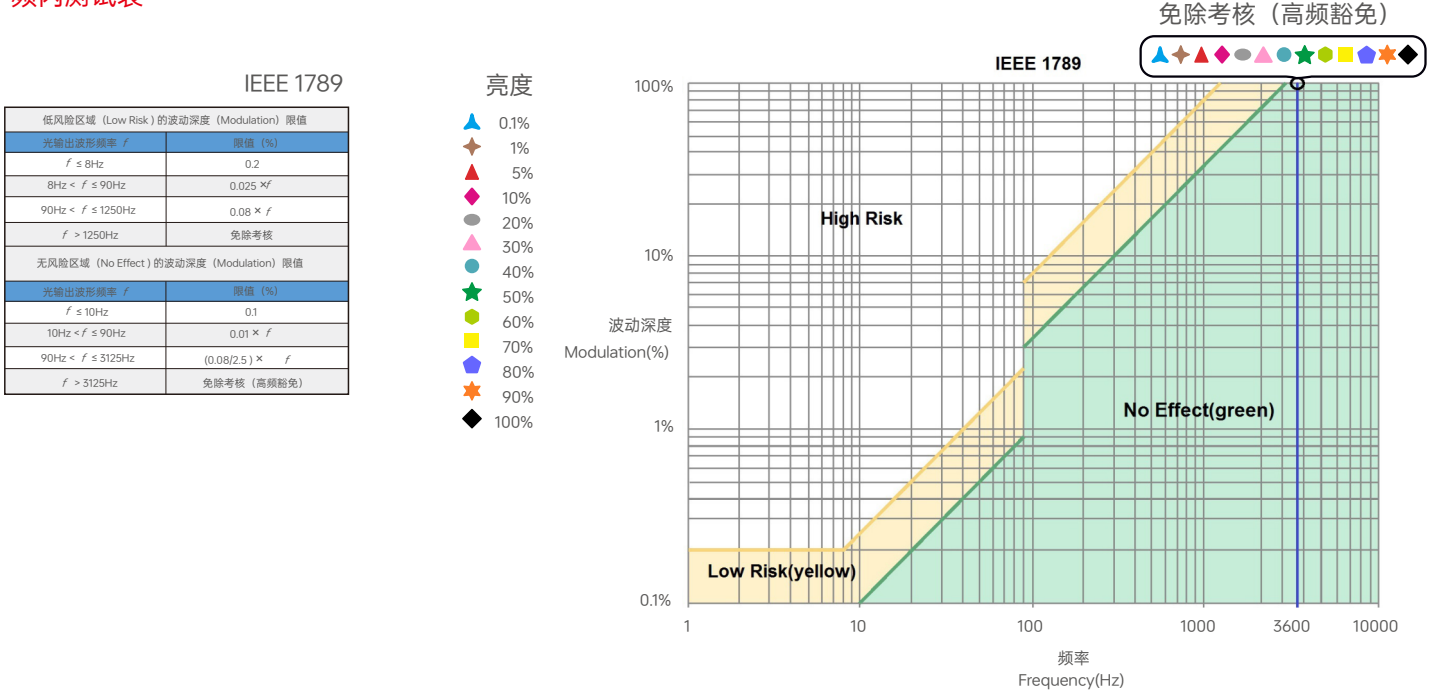


浪涌电流&对应的微型断路器(MCB)下挂载的数量对应表

微型断路器型号	B10	B13	B16	B20	B25	C10	C13	C16	C20	C25	D10	D13	D16	D20	D25
最大带载数量	20	26	32	40	50	23	30	37	47	58	27	34	42	53	66

- 备注:
1. 本数据测试条件: 冷启动, 29A/(在50%Ipeak下测试twidth=340us)/230V~
 2. 对于不同品牌和型号的微型断路器, 驱动器的数量会有所不同;
 3. 现场安装时建议不要超过上述数量, 具体负载量以现场安装为准;
 4. 当微型断路器的安装环境温度超过30℃或多个微型断路器并排安装时, 安装的驱动器数量将减少, 这需要重新计算;
 5. 电工通常考虑将B型MCB用于家用照明, 将C型MCB用于商业照明;
 6. 不同仪器设备测试出来的电流峰值和脉冲宽度有差异, 请使用专业仪器设备测试;

频闪测试表



免除考核 (高频豁免)

IEEE 1789

包装规格

型号	SW-100-24-U2L
包装盒尺寸	261×93×45mm (L×W×H)

包装样式图



包装盒

运输和贮存

1.运输

产品适用车、船、飞机交通运输工具运输。

在运输中，应使用遮蓬进行防雨和防晒，并保持文明装卸，不应有剧烈振动、撞击等。

2.贮存

贮存符合I类环境的规定。贮存期限超过6个月的产品建议重新检验，合格后方可使用。

注意事项

- 请由具有专业资格的人员进行调试安装。
- 雷特产品（专有型号除外）不能防水，需避免日晒雨淋，如安装在户外，请用防水箱。
- 良好的散热条件会延长产品的使用寿命，请把产品安装在通风良好的环境。
- 请检查使用的工作电压是否符合产品的参数要求。
- 使用的电线直径大小必须能足够负载连接的LED灯具，并确保接线牢固。
- 通电调试前，应确保所有接线正确，以避免因接线错误而导致灯具损坏。
- 如果发生故障，请勿私自维修；如有疑问，请联系供应商。

✱ 本说明书的内容如有变更，恕不另行通知。若内容与您使用的功能有所不同，则以实物为准。如有疑问，请与供应商联系。

保修条例

- 自出厂之日起保修服务期为5年。
- 在保修服务期内出现产品质量问题雷特将给予免费修理或更换服务。

非保修条例：

属下列情况不在免费保修或更换服务范围之内：

- 已经超出保修服务期；
- 过高电压、超负载、操作不当等人为造成的损坏；
- 产品外形严重损坏或变形；
- 自然灾害以及人力不可抗拒原因造成的损坏；
- 产品保修标签和产品唯一条形码损坏；
- 无雷特签订的合同或发票凭证。

1. 修理或更换是雷特对客户是唯一补救措施。雷特不承担任何附带引起的损害赔偿 responsibility，除非在适用法律范围之内。
2. 雷特享有修正或调整本保修条款的权利，并以书面形式发布为准。

更新日志

版本	更改日期	更改内容	更改人
A0	20250704	正稿	黎海鹏